

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061465.D
 Acq On : 05 Nov 2024 20:17
 Operator : MD/SY
 Sample : P4689-10MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 00:06:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 23:59:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152843	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52957	5.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.907	69	57567	6.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.000%
11) 1,1-Dichloroethene-d2	2.560	65	23371	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.200%
20) 2-Butanone-d5	4.621	46	122105	57.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.840%
24) Chloroform-d	5.052	84	111731	5.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
26) 1,2-Dichloroethane-d4	5.695	65	55312	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.718	84	226832	5.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.682	67	66259	5.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.891	98	211315	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	8.174	79	24518	4.855	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.624	63	110572	53.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54348	5.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	69203	5.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50112	4.918	ug/L	99
3) Chloromethane	1.518	50	48363	4.501	ug/L	100
5) Vinyl chloride	1.602	62	55525	4.700	ug/L	99
6) Bromomethane	1.853	94	39656	5.065	ug/L	97
8) Chloroethane	1.930	64	46771	5.377	ug/L	100
9) Trichlorofluoromethane	2.132	101	82315	5.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48319	5.071	ug/L	98
12) 1,1-Dichloroethene	2.573	96	45396	5.024	ug/L	98
13) Acetone	2.637	43	72989	54.668	ug/L	99
14) Carbon disulfide	2.788	76	126261	4.188	ug/L	99
15) Methyl Acetate	2.956	43	13352	4.039	ug/L	95
16) Methylene chloride	3.036	84	55151	5.179	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	125677	5.132	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	49860	4.990	ug/L	99
19) 1,1-Dichloroethane	3.856	63	99836	5.297	ug/L	99
21) 2-Butanone	4.701	43	122164	57.717	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	60584	5.308	ug/L	97
23) Bromochloromethane	4.965	128	26427	5.503	ug/L	97
25) Chloroform	5.078	83	106105	5.355	ug/L	97

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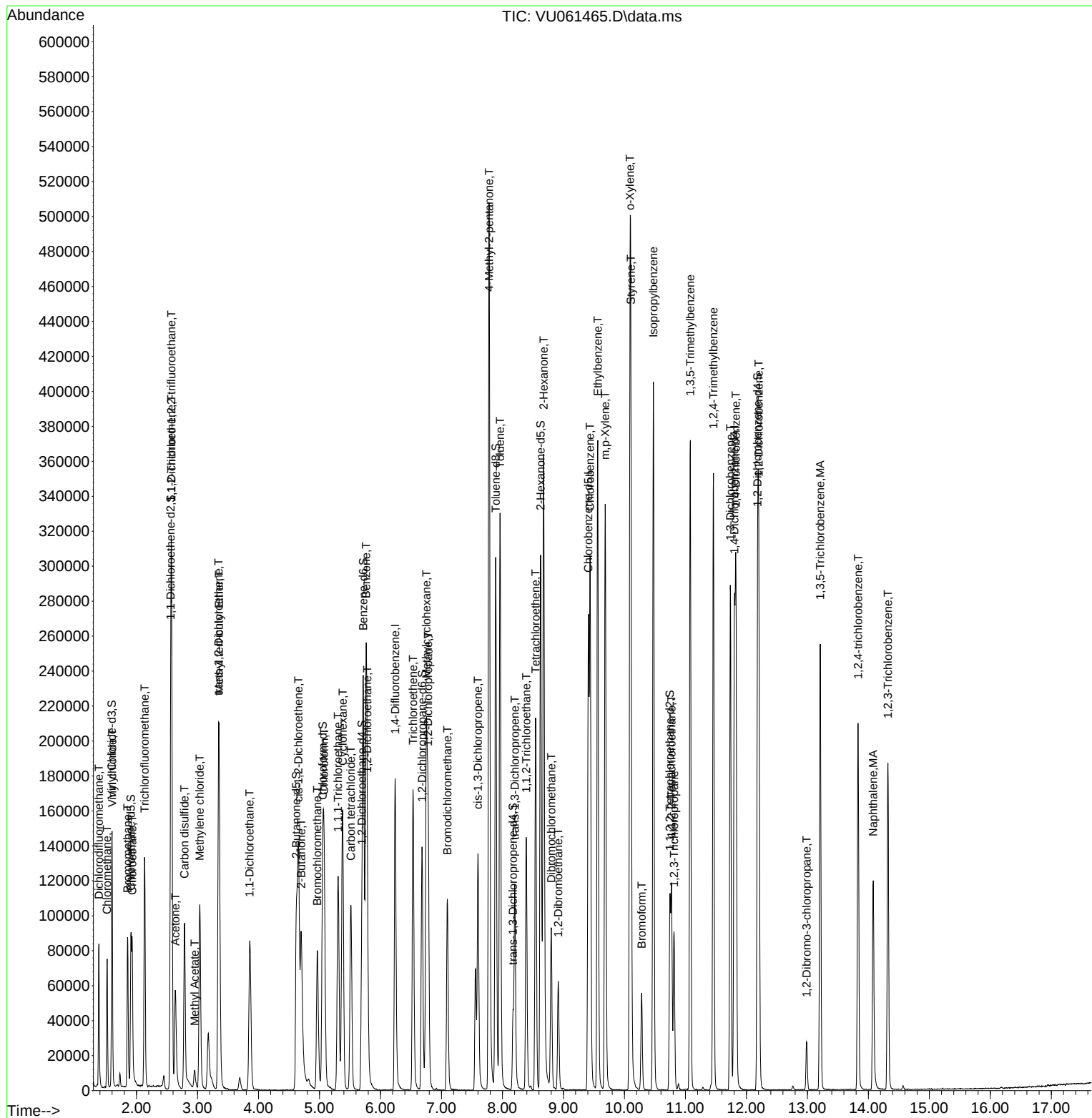
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67566	5.396	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	89407	4.999	ug/L	99
30) Cyclohexane	5.380	56	79223	4.416	ug/L	97
31) Carbon tetrachloride	5.515	117	74190	4.848	ug/L	99
33) Benzene	5.766	78	230813	5.110	ug/L	100
34) Trichloroethene	6.534	95	59108	4.811	ug/L	97
35) Methylcyclohexane	6.753	83	83848	4.287	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60884	5.318	ug/L	100
38) Bromodichloromethane	7.097	83	72701	5.017	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	84457	4.776	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	307707	54.000	ug/L	100
42) Toluene	7.962	91	250530	5.107	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67623	4.693	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	45659	5.542	ug/L	97
47) Tetrachloroethene	8.544	164	45957	5.355	ug/L	98
48) 2-Hexanone	8.676	43	225208	55.890	ug/L	100
49) Dibromochloromethane	8.801	129	46527	4.979	ug/L	92
50) 1,2-Dibromoethane	8.917	107	42904	5.360	ug/L	99
51) Chlorobenzene	9.438	112	161740	5.217	ug/L	98
52) Ethylbenzene	9.563	91	268351	4.974	ug/L	100
53) m,p-Xylene	9.685	106	100509	4.890	ug/L	97
54) o-Xylene	10.094	106	99826	4.921	ug/L	98
55) Styrene	10.106	104	150325	4.622	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	56016	5.642	ug/L	100
59) Bromoform	10.283	173	24302	4.683	ug/L	99
60) Isopropylbenzene	10.476	105	264162	4.933	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39170	5.609	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	205091	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	197087	4.573	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	117120	5.196	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	115268	5.017	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	111274	5.245	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7070	4.822	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	78745	5.097	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	64942	5.208	ug/L	98
71) Naphthalene	14.081	128	104269	5.300	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58145	5.574	ug/L	99

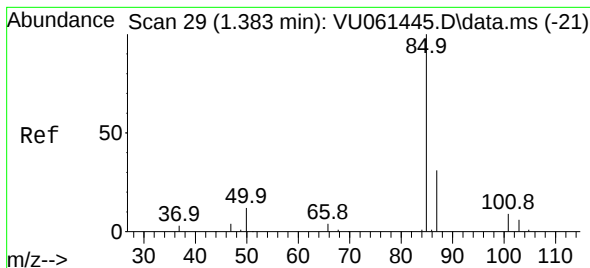
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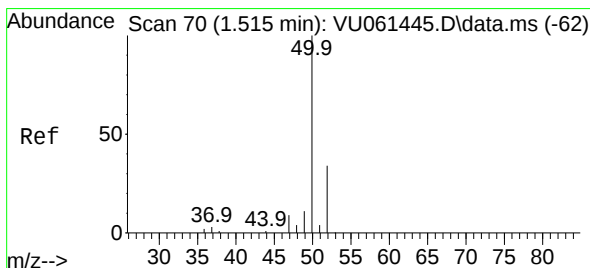
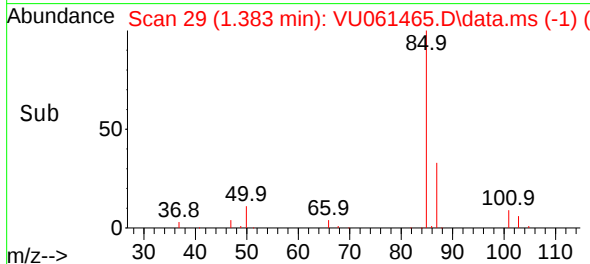
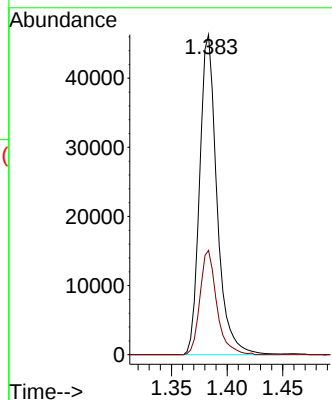
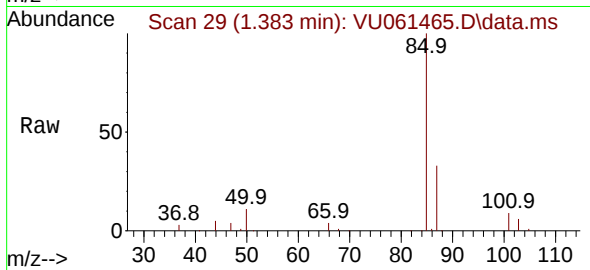




#2
 Dichlorodifluoromethane
 Concen: 4.918 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061465.D
 Acq: 05 Nov 2024 20:17

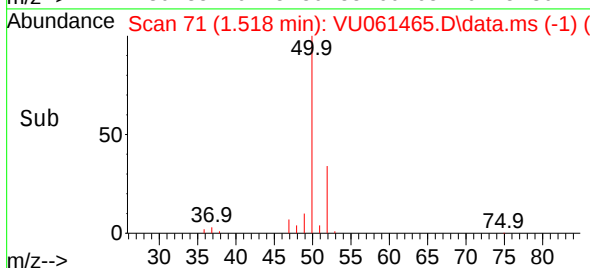
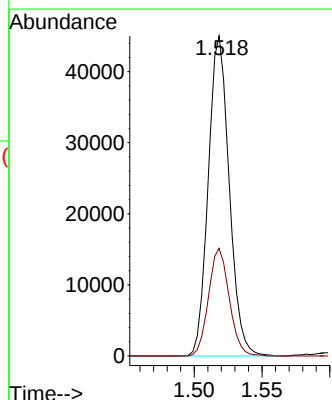
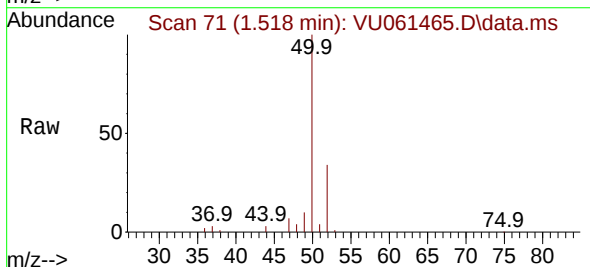
Instrument :
 MSVOA_U
 ClientSampleId :

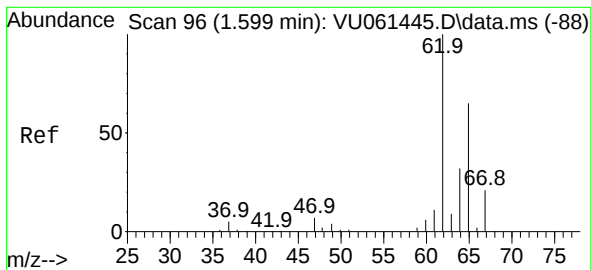
Tgt Ion: 85 Resp: 50112
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 4.501 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061465.D
 Acq: 05 Nov 2024 20:17

Tgt Ion: 50 Resp: 48363
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.700 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

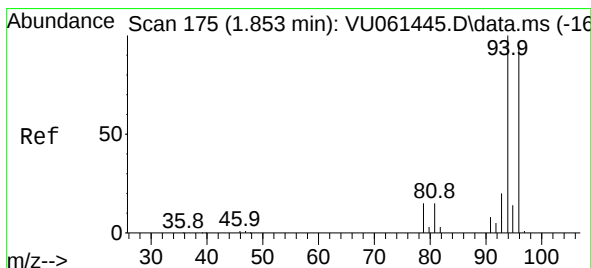
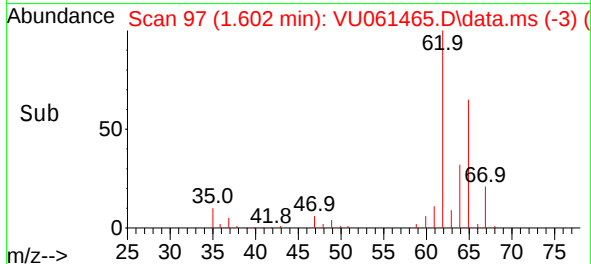
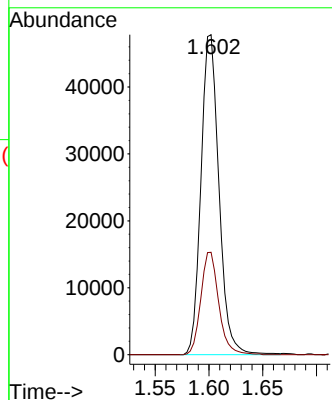
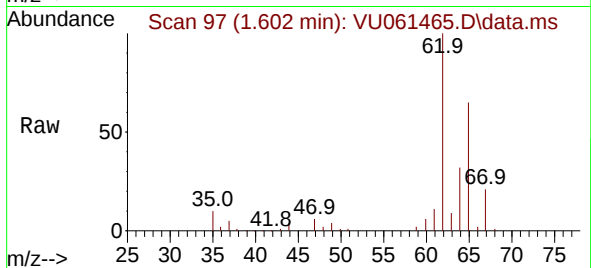
ClientSampleId :

Tgt Ion: 62 Resp: 55525

Ion Ratio Lower Upper

62 100

64 32.0 22.6 42.0



#6

Bromomethane

Concen: 5.065 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061465.D

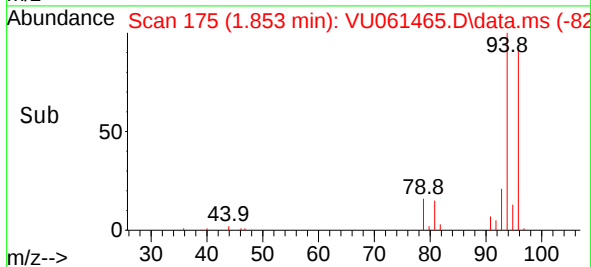
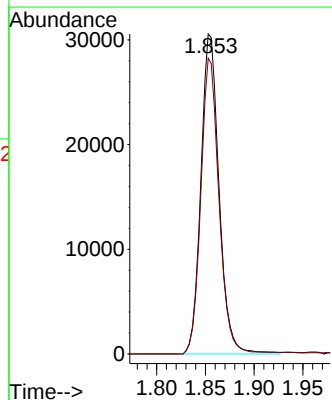
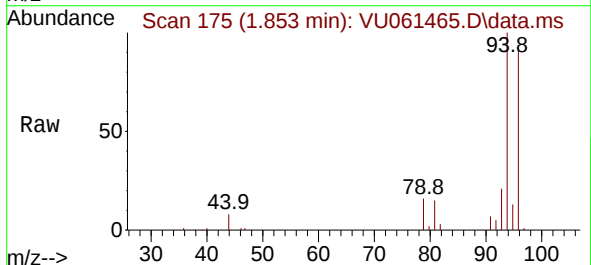
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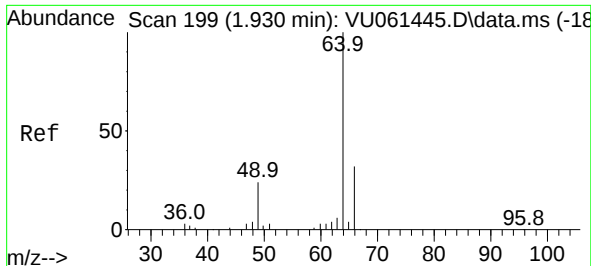
Tgt Ion: 94 Resp: 39656

Ion Ratio Lower Upper

94 100

96 92.4 66.9 124.3

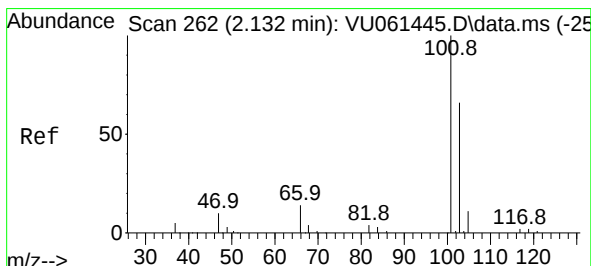
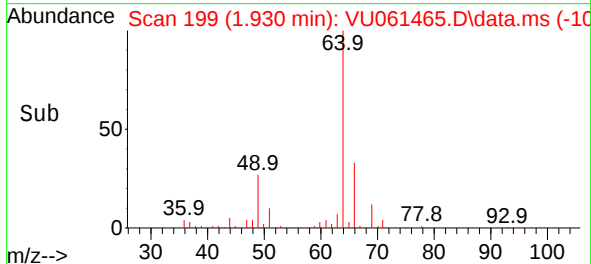
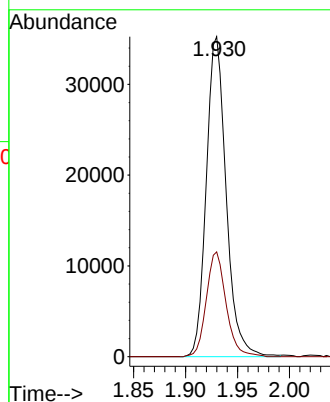
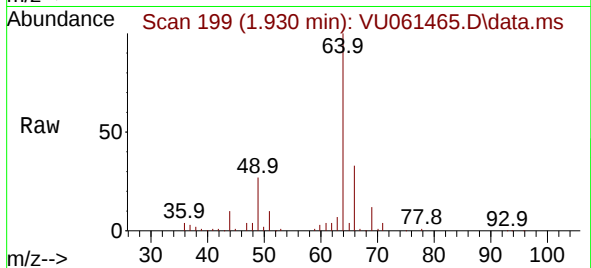




#8
Chloroethane
Concen: 5.377 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

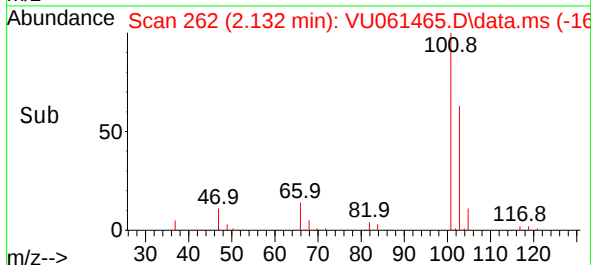
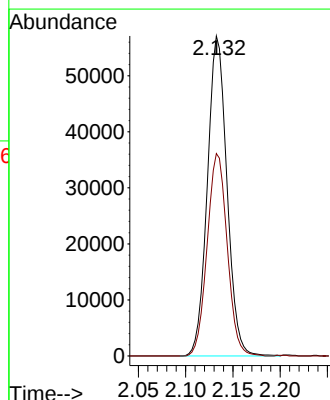
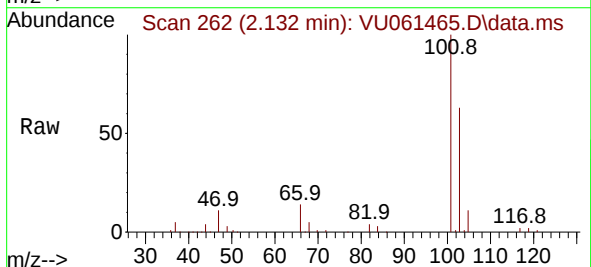
Instrument :
MSVOA_U
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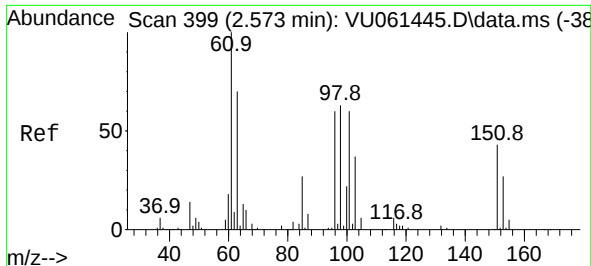
Tgt Ion: 64 Resp: 46771
Ion Ratio Lower Upper
64 100
66 32.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.130 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:101 Resp: 82315
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8

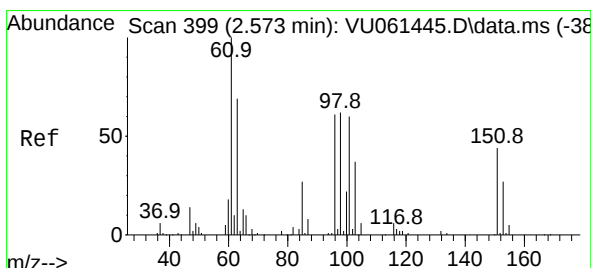
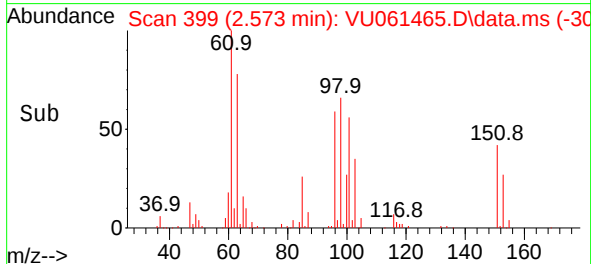
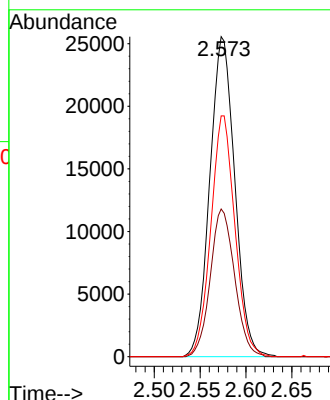
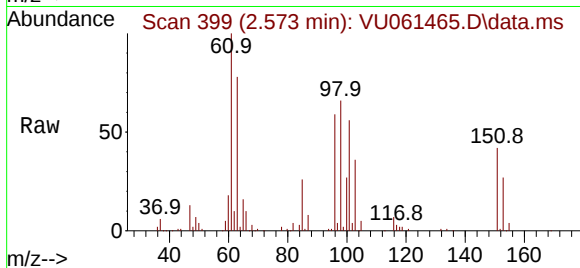




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.071 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

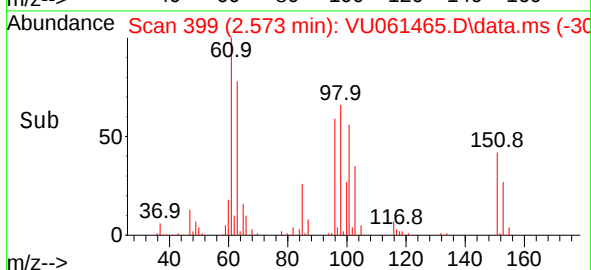
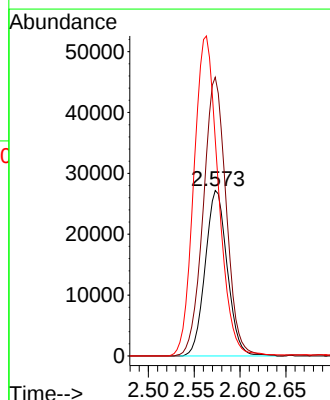
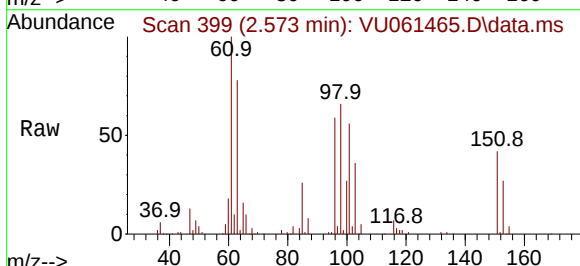
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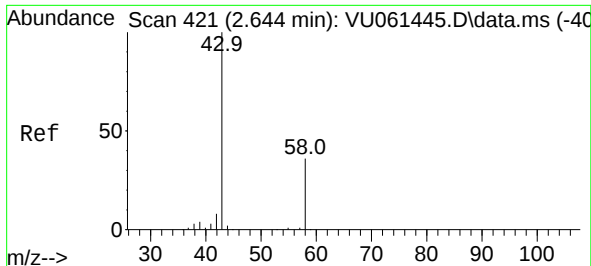
Tgt Ion:	101	Resp:	48319
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.6	53.4
151	72.8	55.9	83.9



#12
1,1-Dichloroethene
Concen: 5.024 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:	96	Resp:	45396
Ion Ratio	Lower	Upper	
96	100		
61	168.4	119.1	221.1
63	131.0	89.4	166.0





#13

Acetone

Concen: 54.668 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

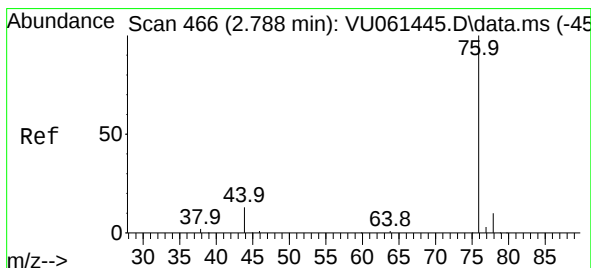
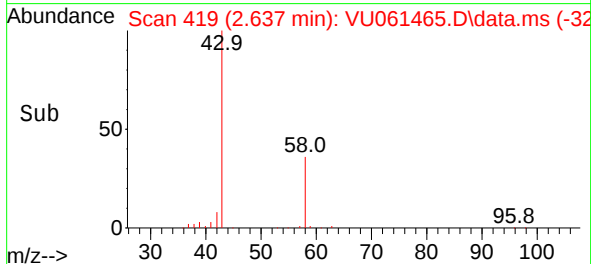
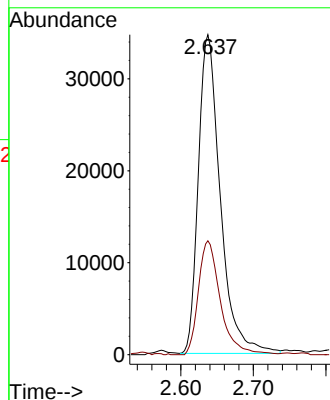
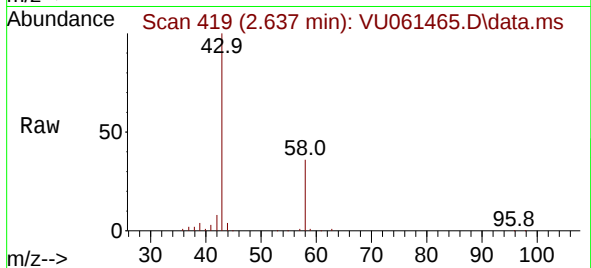
ClientSampleId :

Tgt Ion: 43 Resp: 72989

Ion Ratio Lower Upper

43 100

58 35.8 0.0 73.2



#14

Carbon disulfide

Concen: 4.188 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061465.D

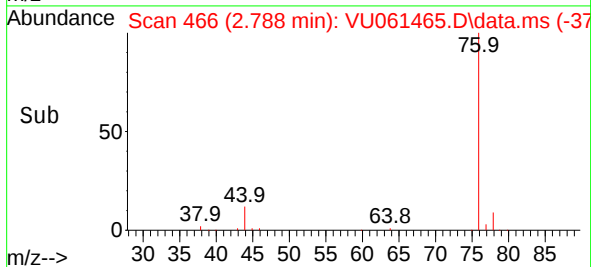
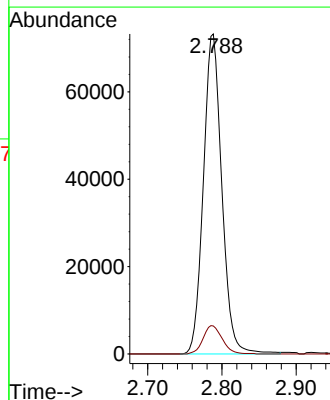
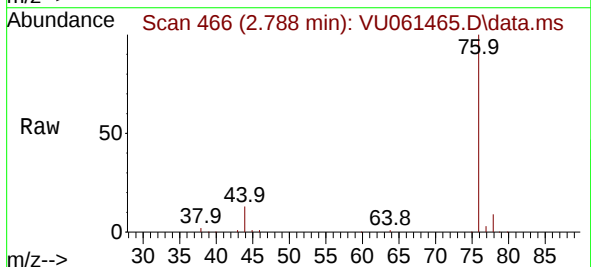
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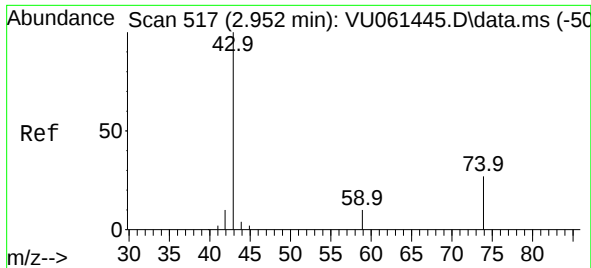
Tgt Ion: 76 Resp: 126261

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

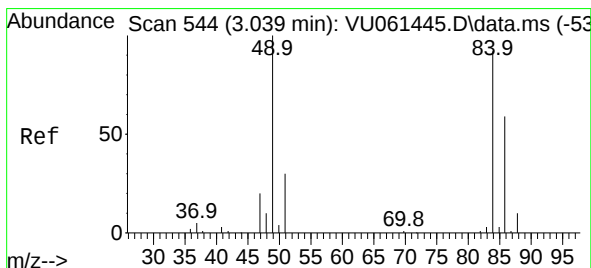
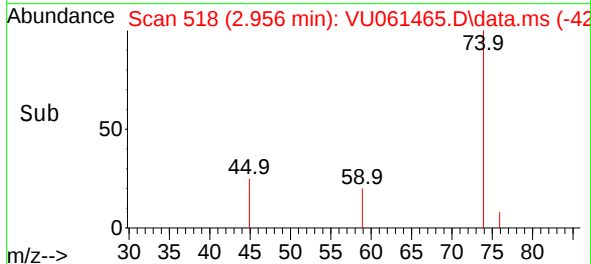
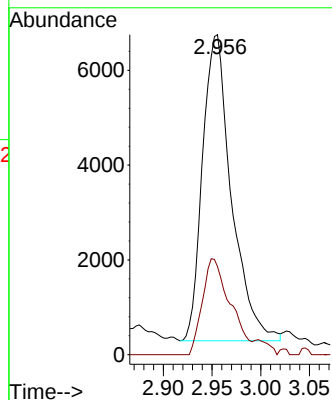
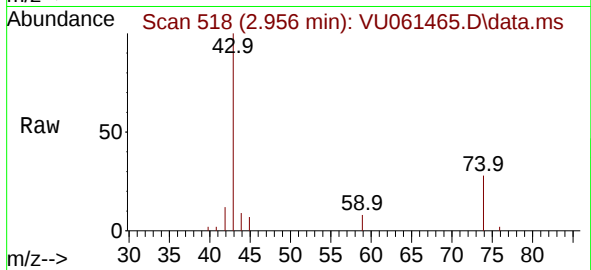




#15
Methyl Acetate
Concen: 4.039 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

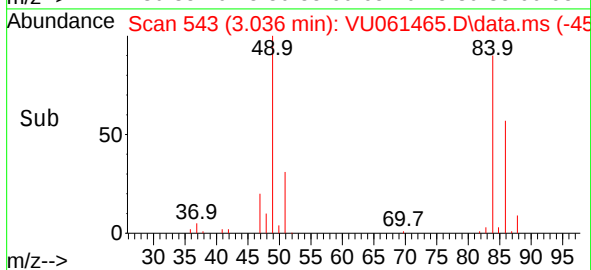
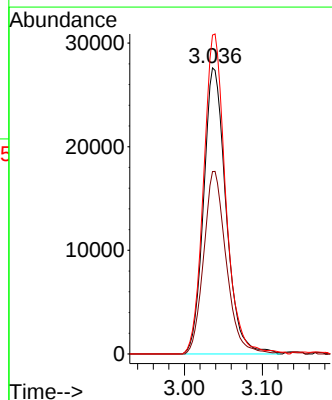
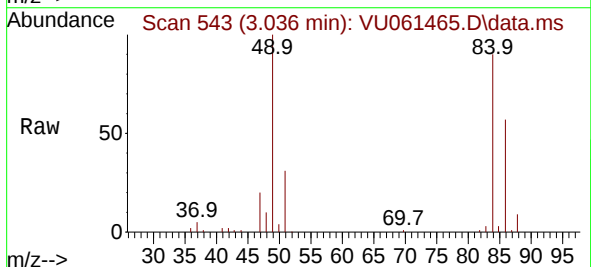
Instrument :
MSVOA_U
ClientSampleId :

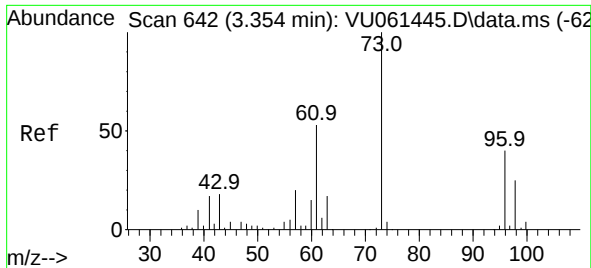
Tgt Ion: 43 Resp: 13352
Ion Ratio Lower Upper
43 100
74 30.3 22.2 33.4



#16
Methylene chloride
Concen: 5.179 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 84 Resp: 55151
Ion Ratio Lower Upper
84 100
86 63.8 43.5 80.7
49 111.5 75.7 140.7

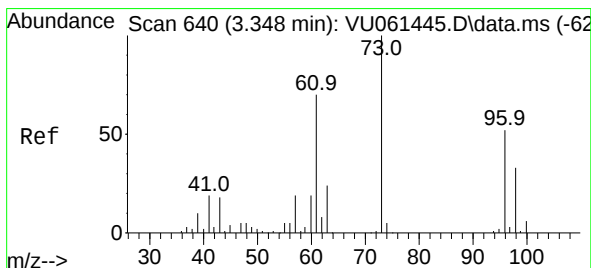
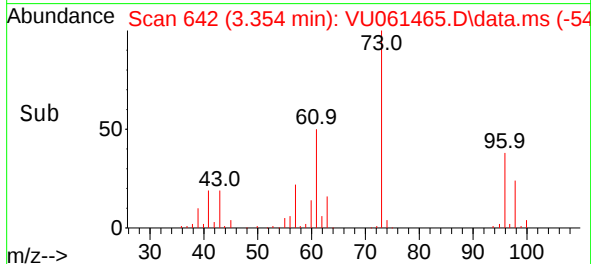
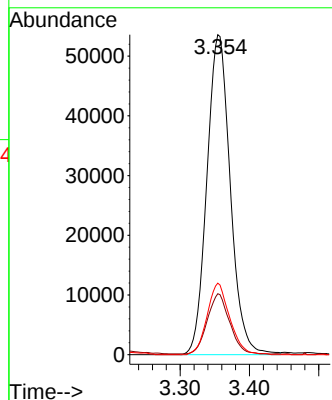
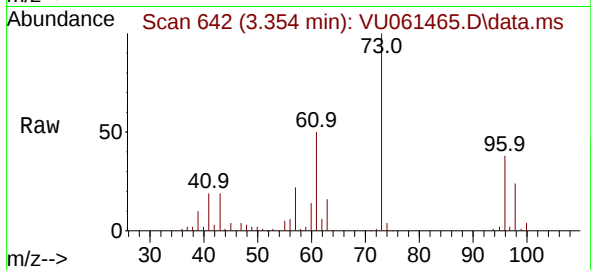




#17
Methyl tert-butyl Ether
Concen: 5.132 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

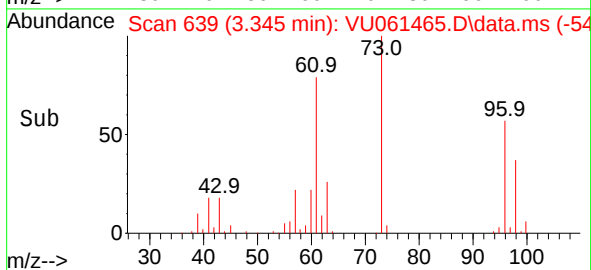
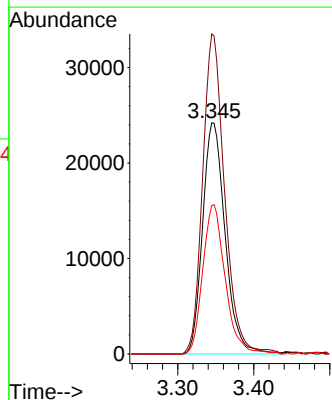
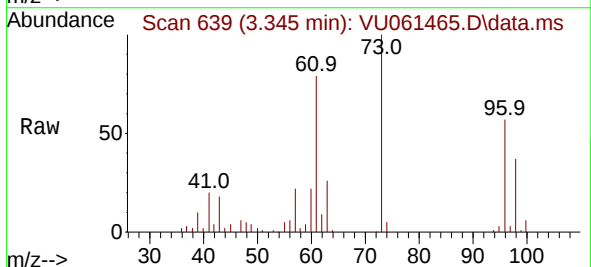
Instrument :
MSVOA_U
ClientSampleId :

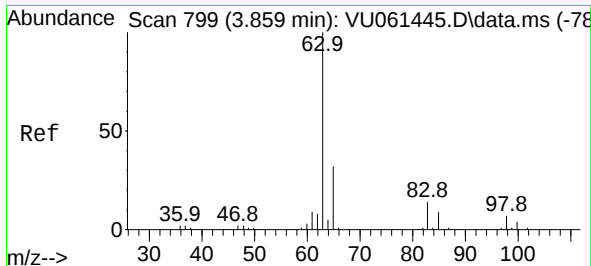
Tgt Ion: 73 Resp: 125677
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.5 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.990 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

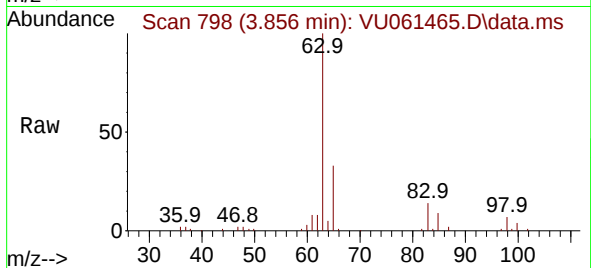
Tgt Ion: 96 Resp: 49860
Ion Ratio Lower Upper
96 100
61 138.4 97.9 181.7
98 64.2 46.2 85.8



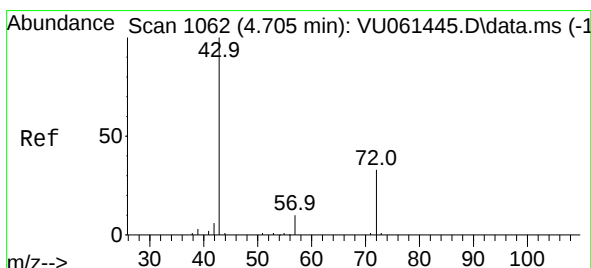
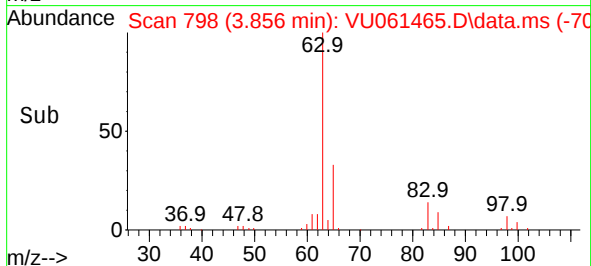
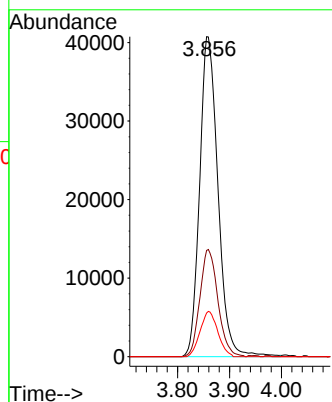


#19
1,1-Dichloroethane
Concen: 5.297 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Instrument :
MSVOA_U
ClientSampleId :

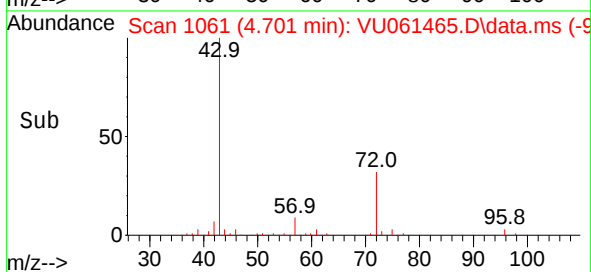
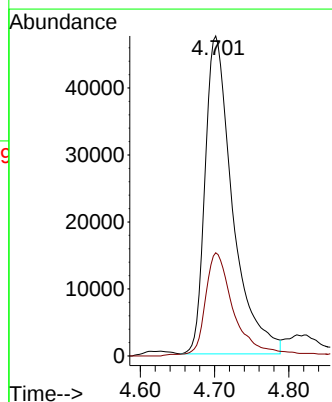
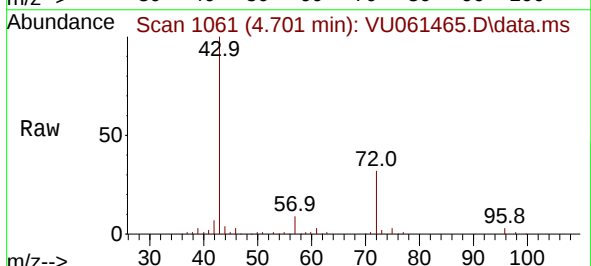


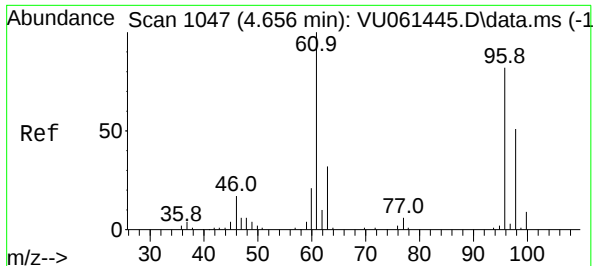
Tgt Ion: 63 Resp: 99836
Ion Ratio Lower Upper
63 100
65 33.2 23.0 42.6
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 57.717 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 43 Resp: 122164
Ion Ratio Lower Upper
43 100
72 34.0 15.9 47.6

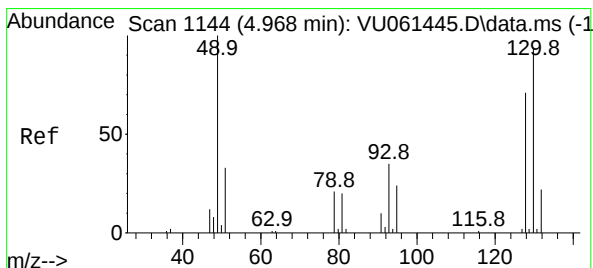
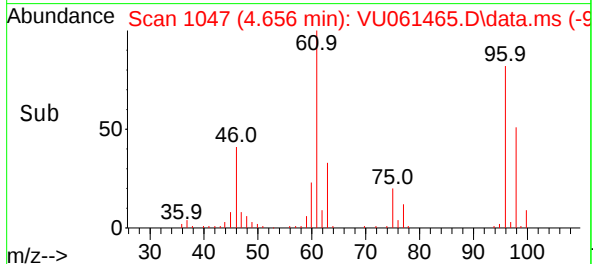
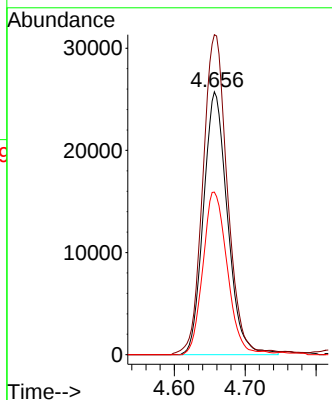
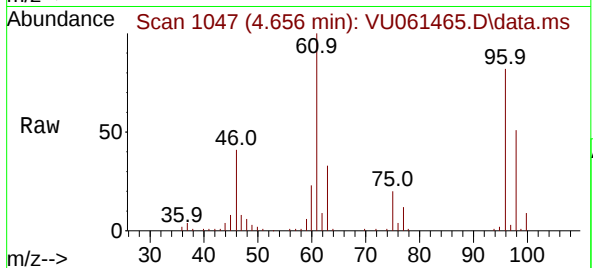




#22
cis-1,2-Dichloroethene
Concen: 5.308 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

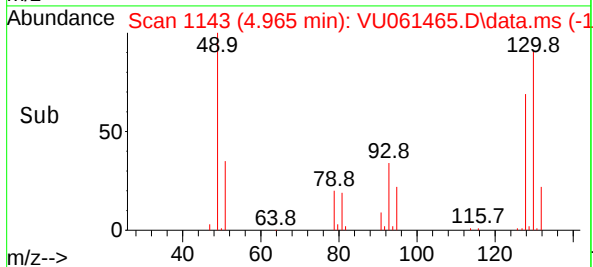
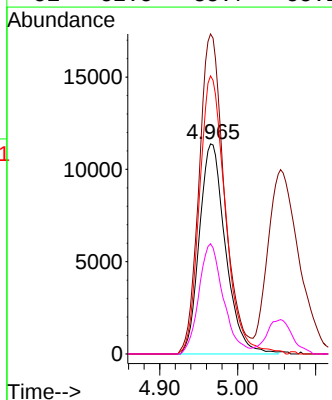
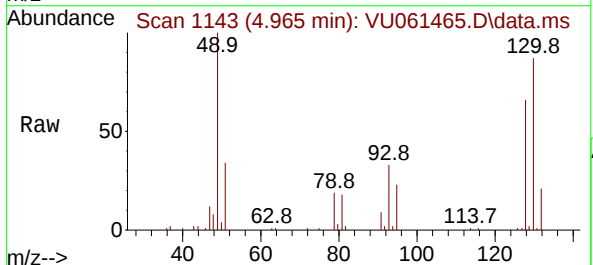
Instrument :
MSVOA_U
ClientSampleId :

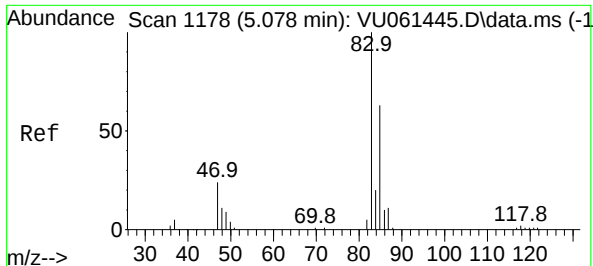
Tgt Ion: 96 Resp: 60584
Ion Ratio Lower Upper
96 100
61 121.7 88.1 163.5
98 61.9 45.0 83.6



#23
Bromochloromethane
Concen: 5.503 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:128 Resp: 26427
Ion Ratio Lower Upper
128 100
49 152.4 105.1 195.1
130 132.4 89.6 166.4
51 52.5 38.7 58.1

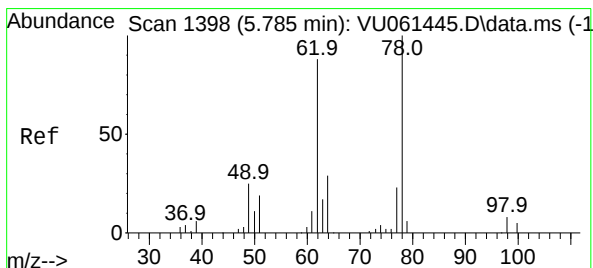
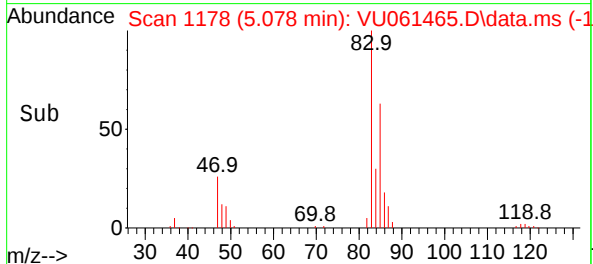
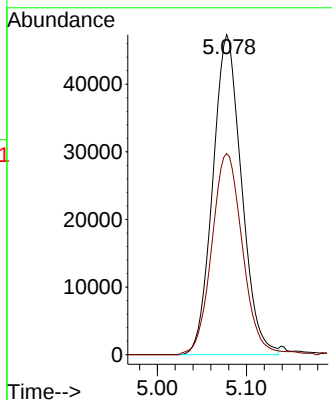
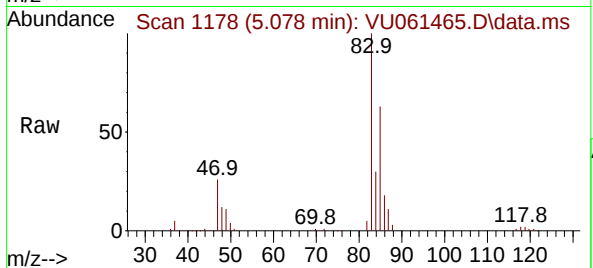




#25
Chloroform
Concen: 5.355 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

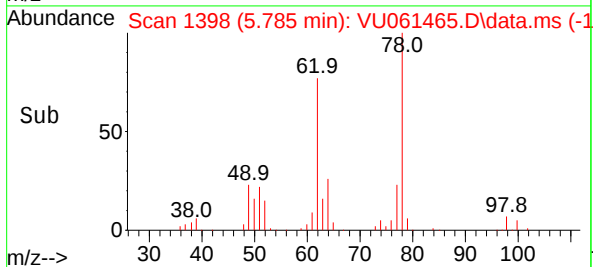
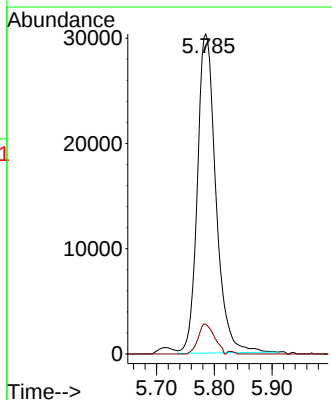
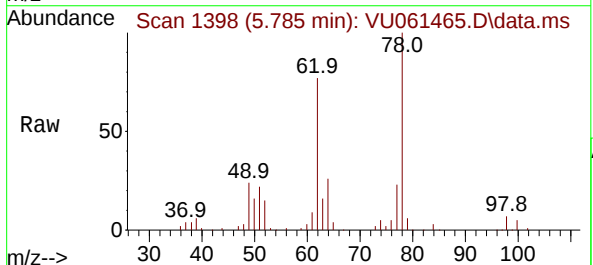
Instrument :
MSVOA_U
ClientSampleId :

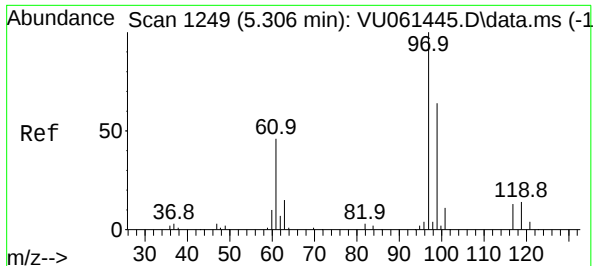
Tgt Ion: 83 Resp: 106105
Ion Ratio Lower Upper
83 100
85 62.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.396 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 62 Resp: 67566
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0

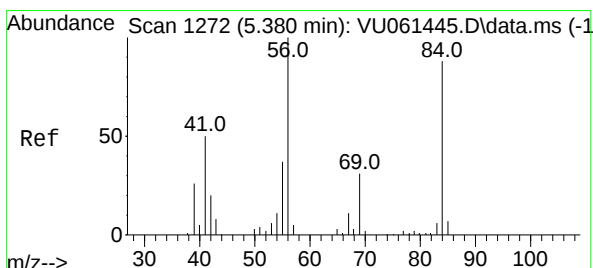
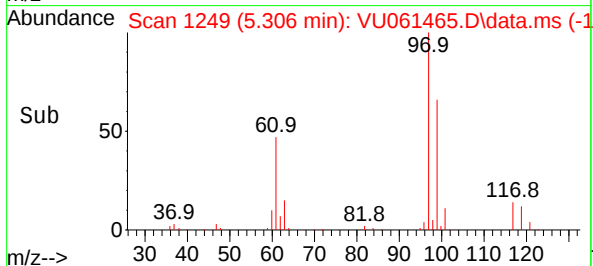
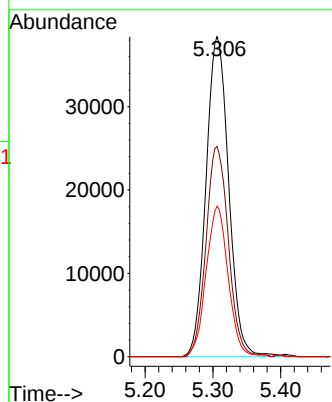
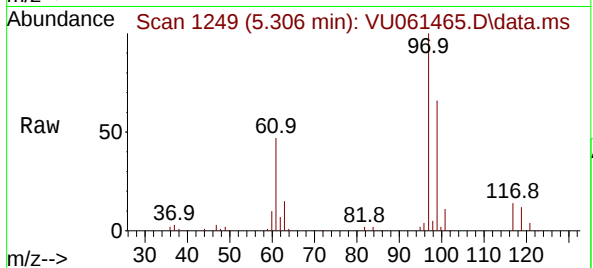




#29
1,1,1-Trichloroethane
Concen: 4.999 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

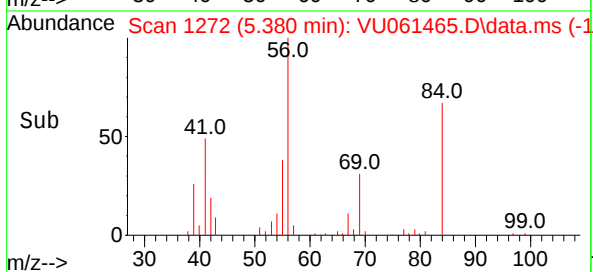
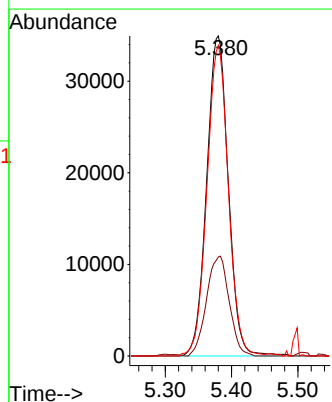
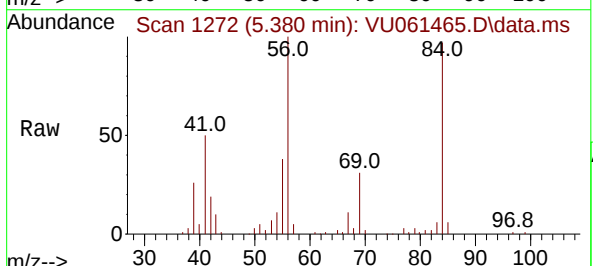
Instrument :
MSVOA_U
ClientSampleId :

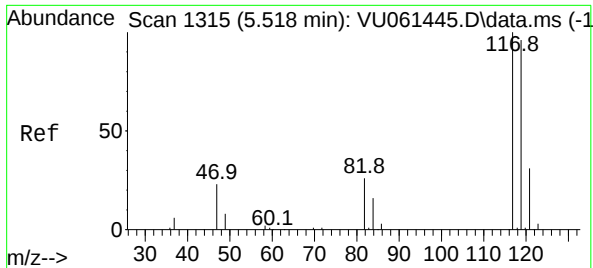
Tgt Ion:	97	Resp:	89407
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	45.5	36.1	54.1



#30
Cyclohexane
Concen: 4.416 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:	56	Resp:	79223
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.8	38.6
84	96.0	73.9	110.9

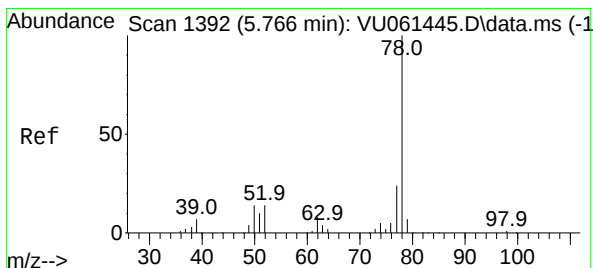
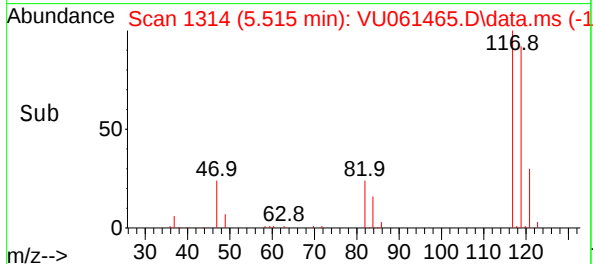
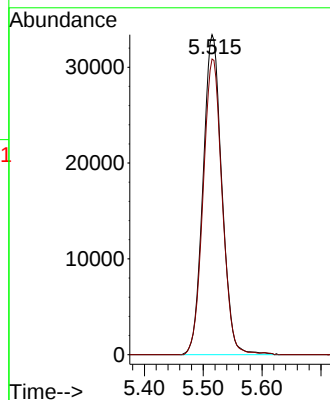
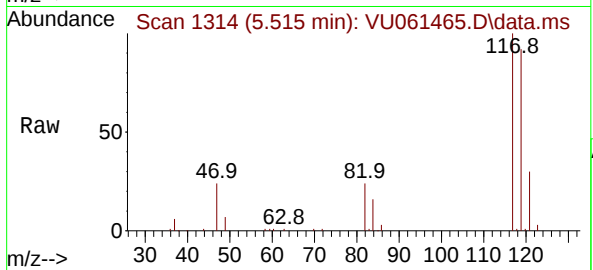




#31
Carbon tetrachloride
Concen: 4.848 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

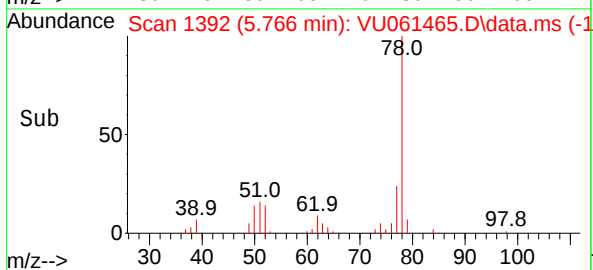
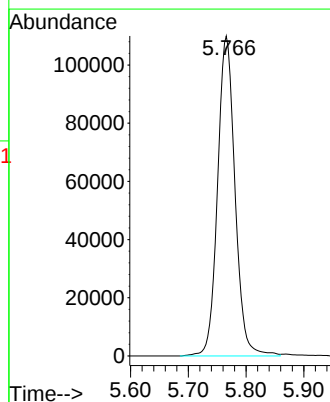
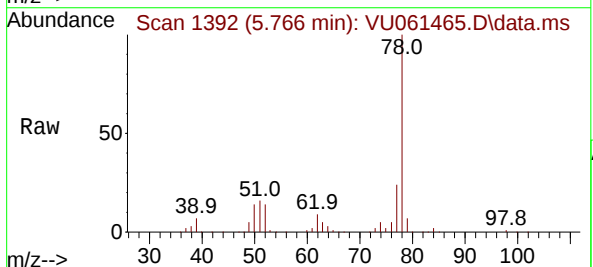
Instrument :
MSVOA_U
ClientSampleId :

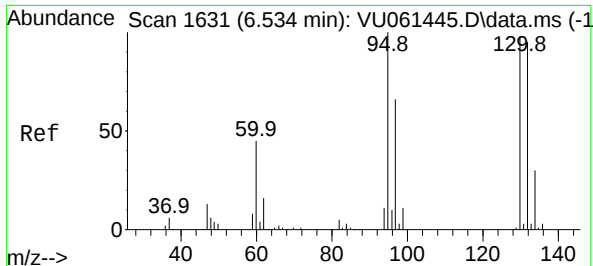
Tgt Ion:117 Resp: 74190
Ion Ratio Lower Upper
117 100
119 93.4 75.5 113.3



#33
Benzene
Concen: 5.110 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 78 Resp: 230813





#34

Trichloroethene

Concen: 4.811 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 59108

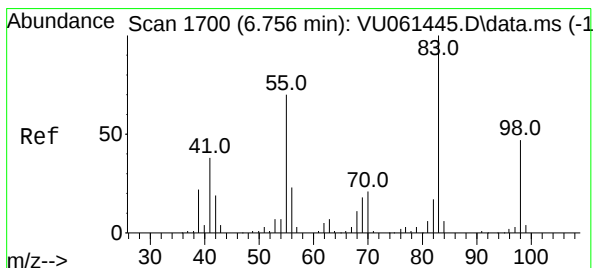
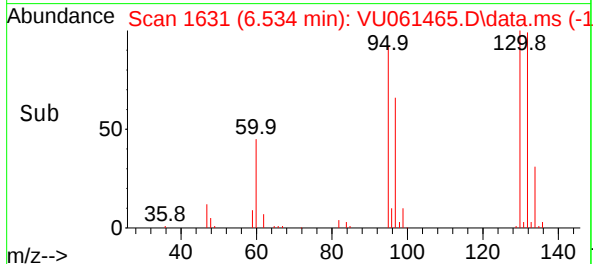
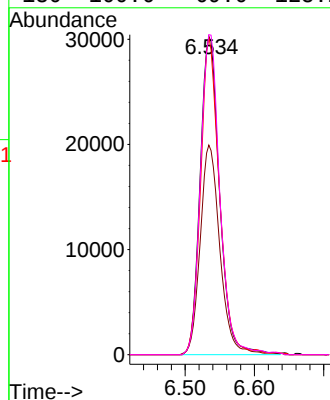
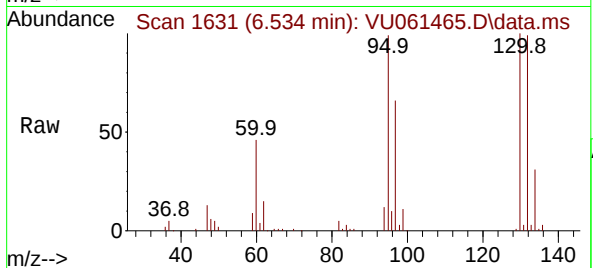
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.7

132 99.9 66.1 122.7

130 100.6 69.0 128.2



#35

Methylcyclohexane

Concen: 4.287 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

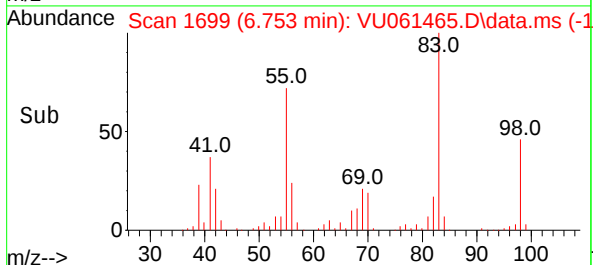
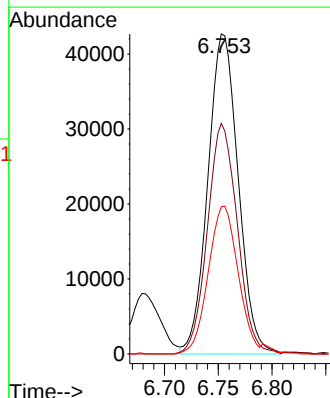
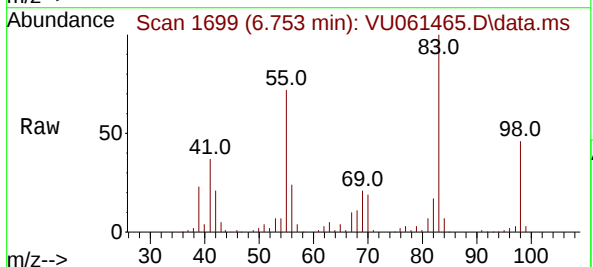
Tgt Ion: 83 Resp: 83848

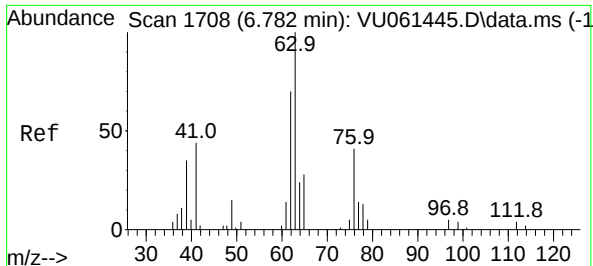
Ion Ratio Lower Upper

83 100

55 71.0 55.9 83.9

98 45.3 35.9 53.9

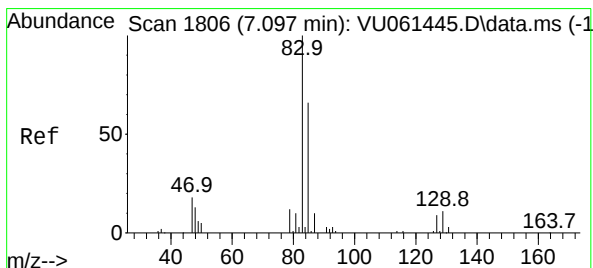
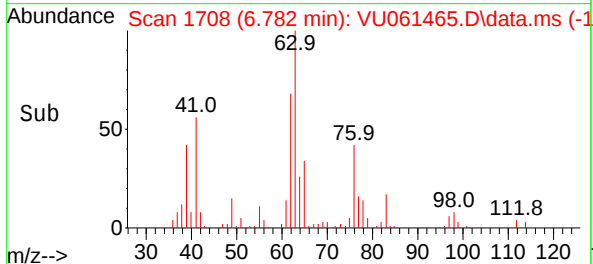
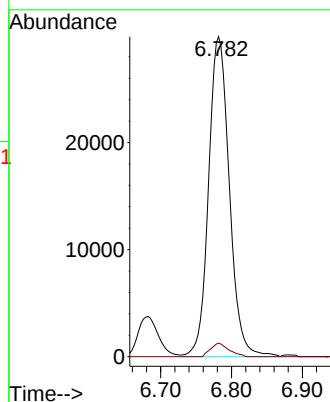
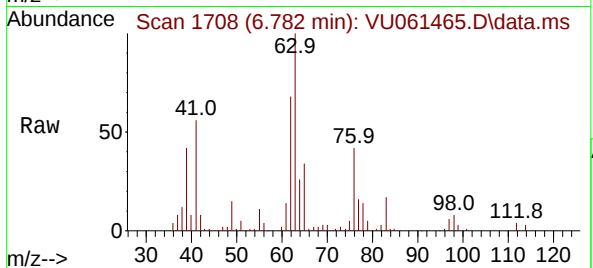




#37
1,2-Dichloropropane
Concen: 5.318 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

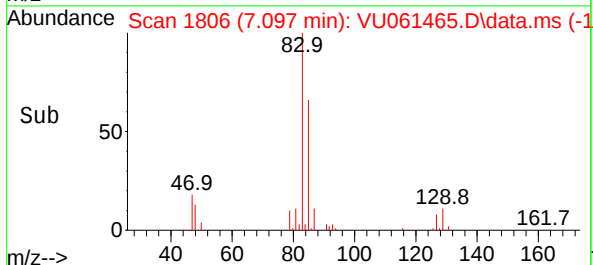
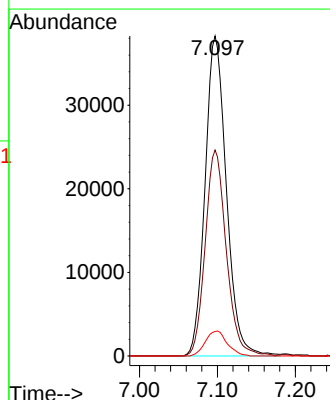
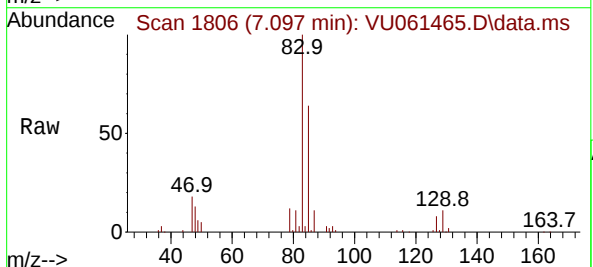
Instrument :
MSVOA_U
ClientSampleId :

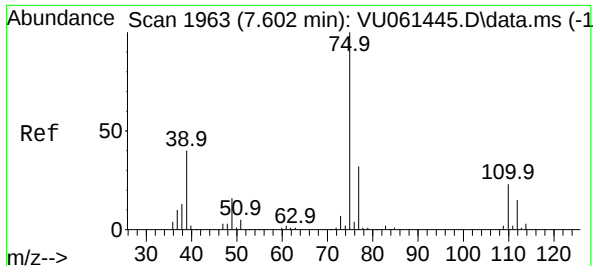
Tgt Ion: 63 Resp: 60884
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.017 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 83 Resp: 72701
Ion Ratio Lower Upper
83 100
85 64.4 43.8 81.4
127 7.7 7.4 11.0

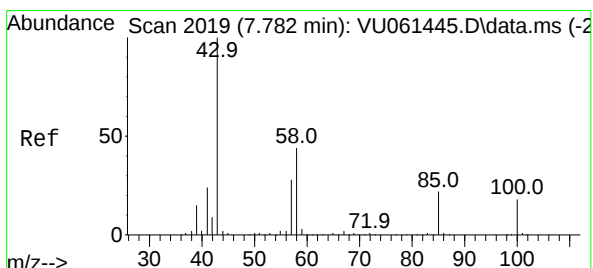
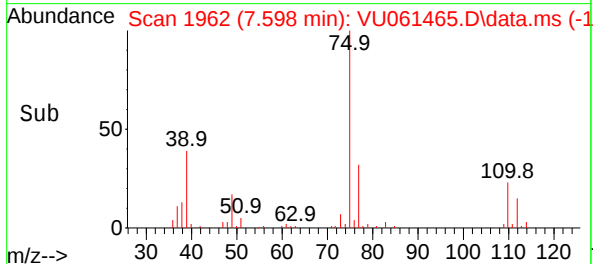
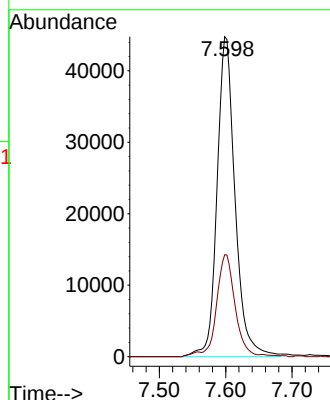
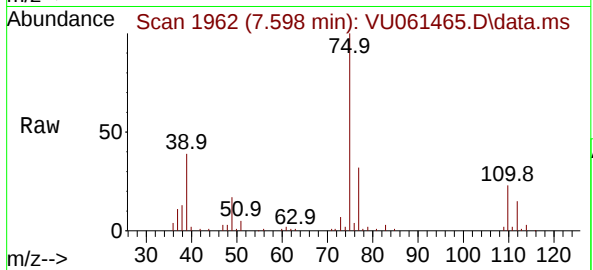




#39
 cis-1,3-Dichloropropene
 Concen: 4.776 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061465.D
 Acq: 05 Nov 2024 20:17

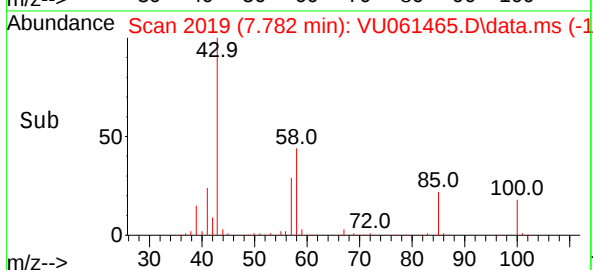
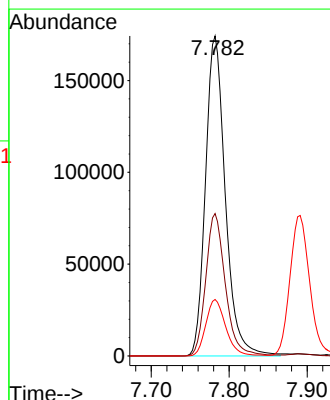
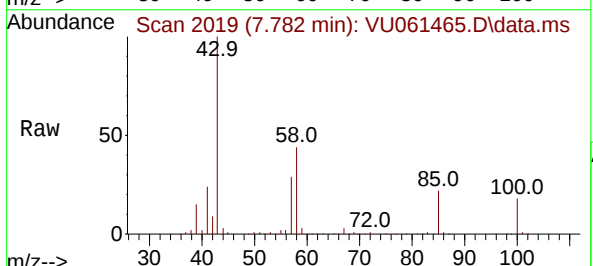
Instrument :
 MSVOA_U
 ClientSampleId :

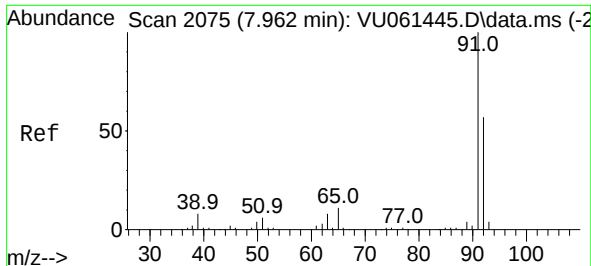
Tgt Ion: 75 Resp: 84457
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 54.000 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061465.D
 Acq: 05 Nov 2024 20:17

Tgt Ion: 43 Resp: 307707
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.1 52.7
 100 17.8 14.0 21.0





#42

Toluene

Concen: 5.107 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

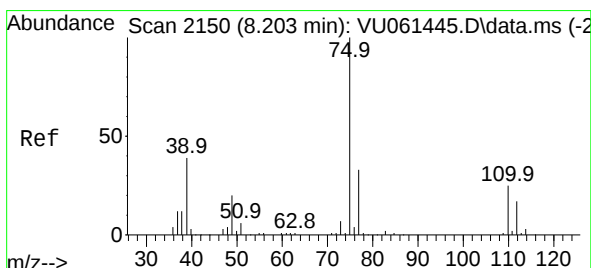
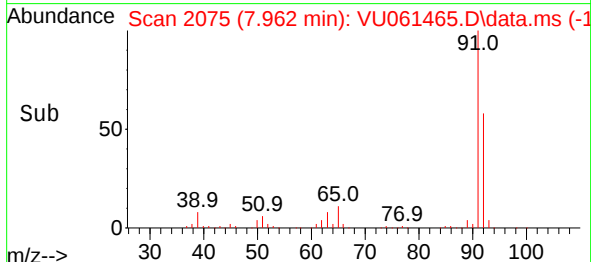
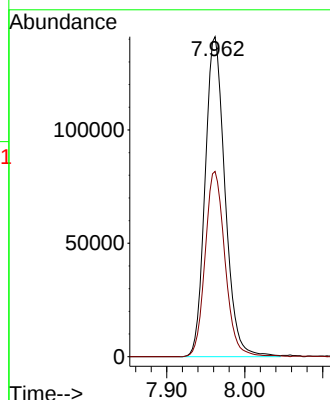
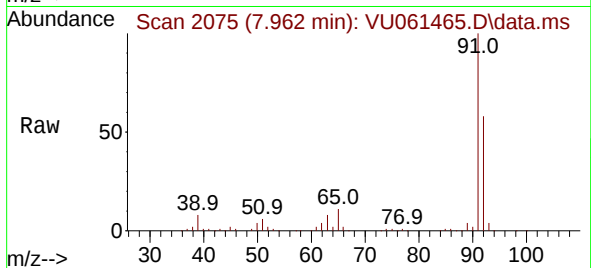
ClientSampleId :

Tgt Ion: 91 Resp: 250530

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.693 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061465.D

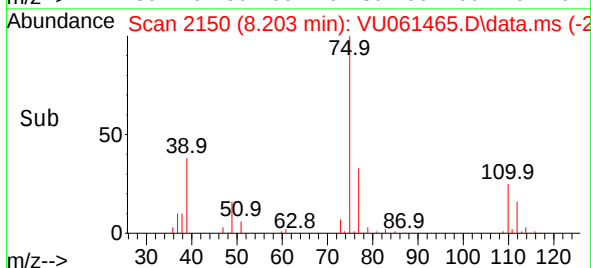
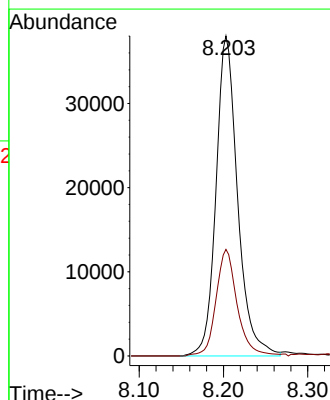
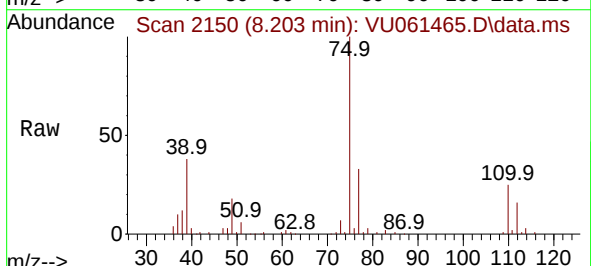
Acq: 05 Nov 2024 20:17

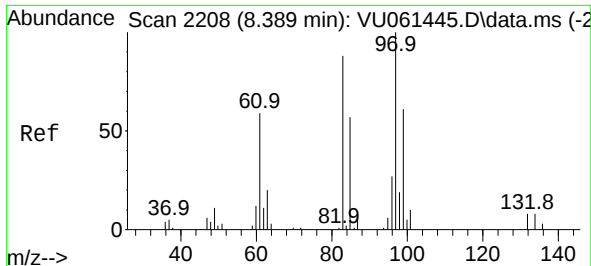
Tgt Ion: 75 Resp: 67623

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8

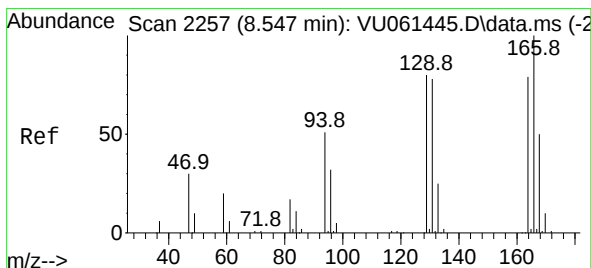
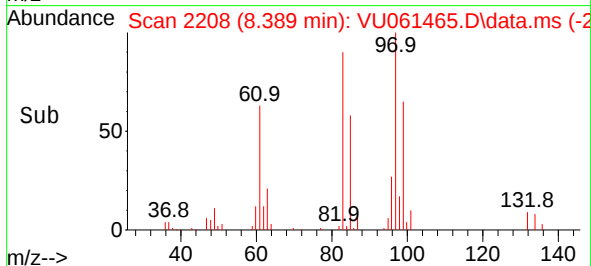
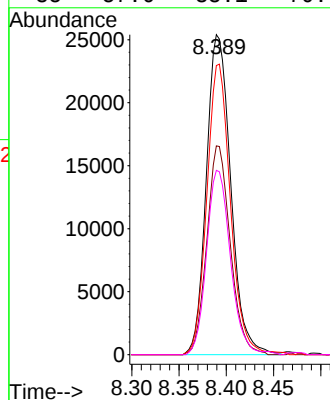
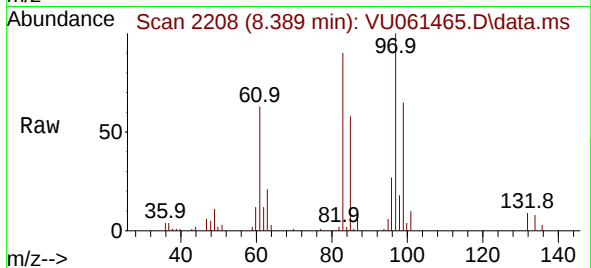




#45
1,1,2-Trichloroethane
Concen: 5.542 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

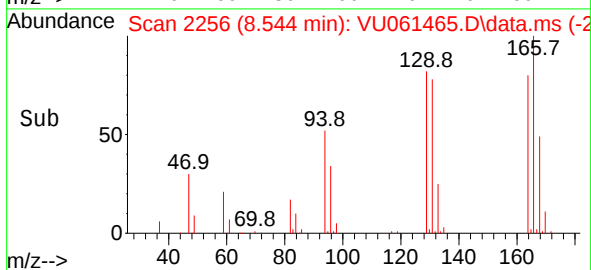
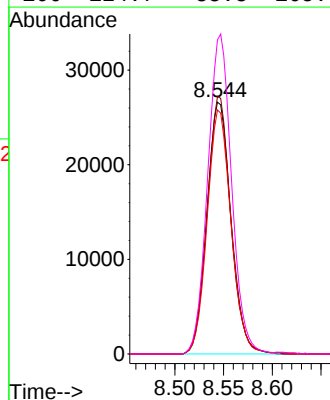
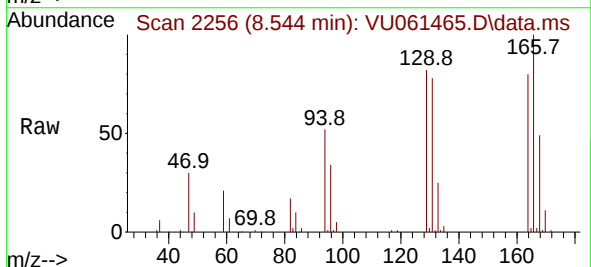
Instrument :
MSVOA_U
ClientSampleId :

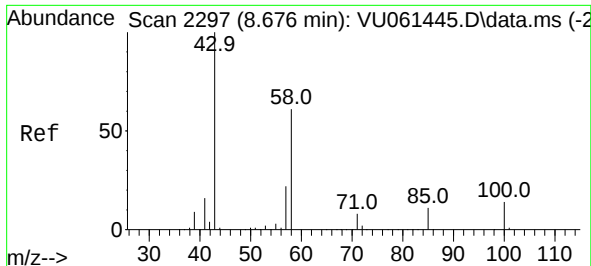
Tgt Ion:	97	Resp:	45659
Ion	Ratio	Lower	Upper
97	100		
99	65.2	44.1	81.9
83	90.3	61.2	113.6
85	57.6	38.1	70.7



#47
Tetrachloroethene
Concen: 5.355 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:	164	Resp:	45957
Ion	Ratio	Lower	Upper
164	100		
129	102.2	69.9	129.7
131	96.9	68.3	126.8
166	124.7	88.8	165.0

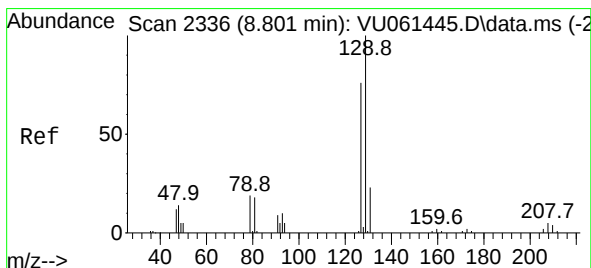
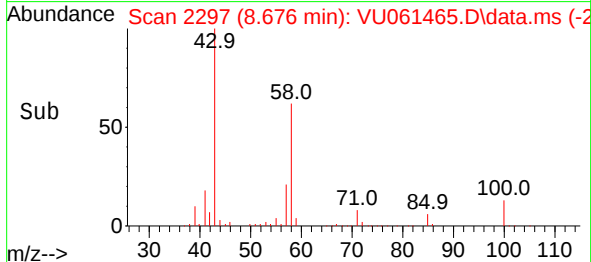
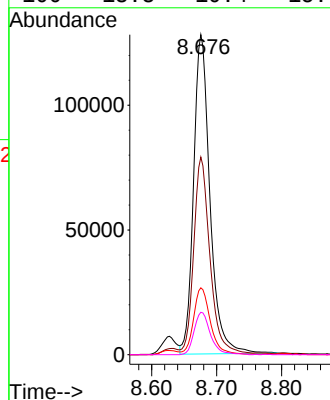
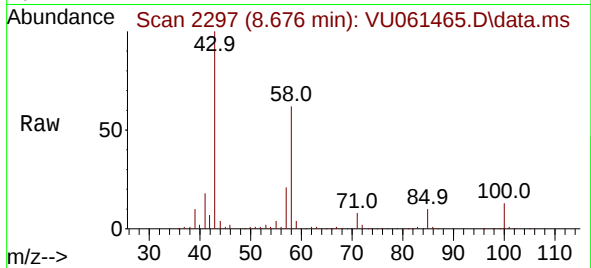




#48
2-Hexanone
Concen: 55.890 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

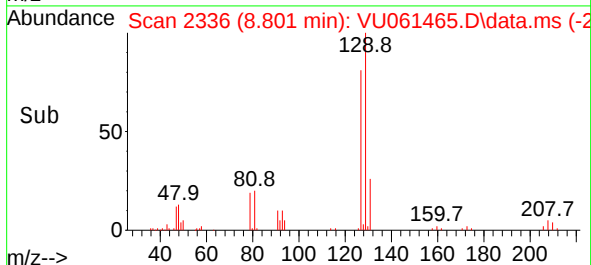
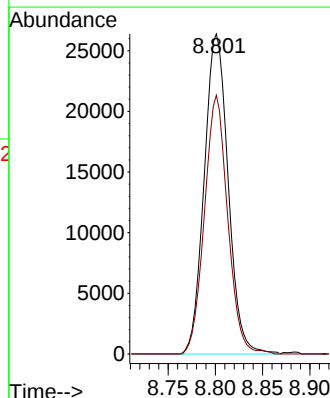
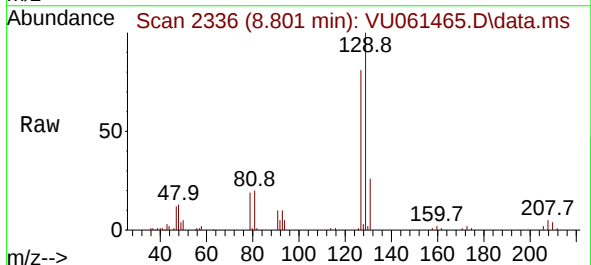
Instrument :
MSVOA_U
ClientSampleId :

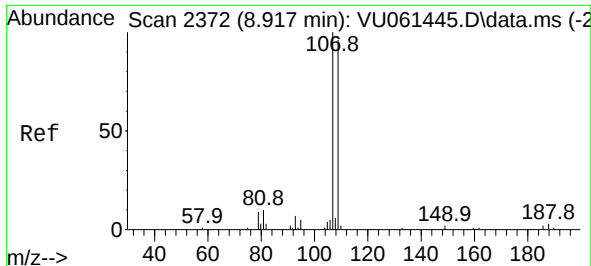
Tgt Ion:	43	Resp:	225208
Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.6	72.8
57	21.2	17.0	25.6
100	13.3	10.4	15.6



#49
Dibromochloromethane
Concen: 4.979 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

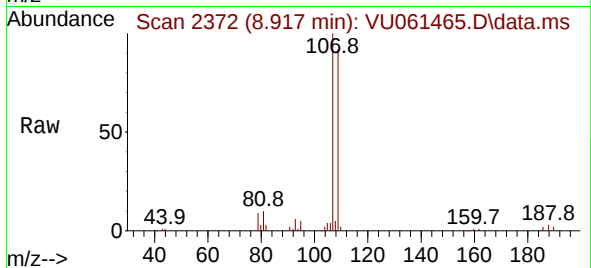
Tgt Ion:	129	Resp:	46527
Ion	Ratio	Lower	Upper
129	100		
127	80.8	51.8	96.2



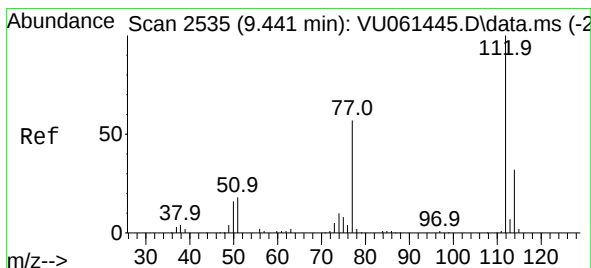
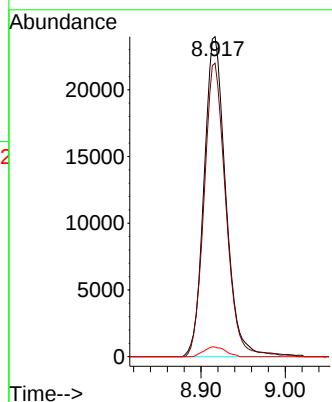
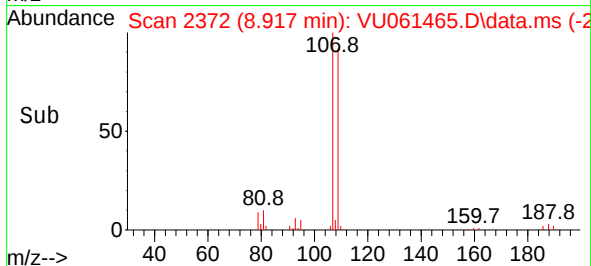


#50
1,2-Dibromoethane
Concen: 5.360 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Instrument :
MSVOA_U
ClientSampleId :

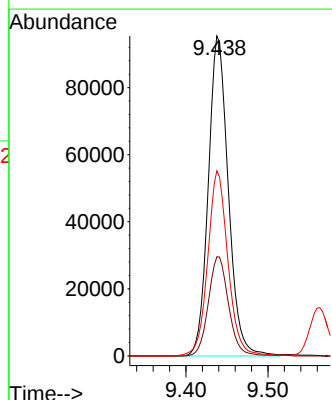
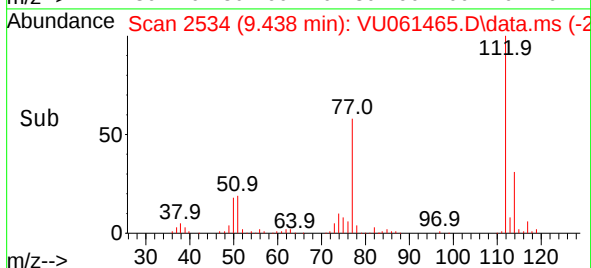
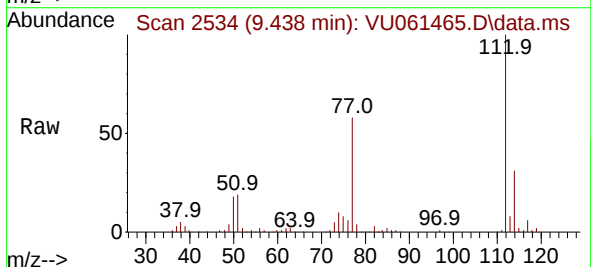


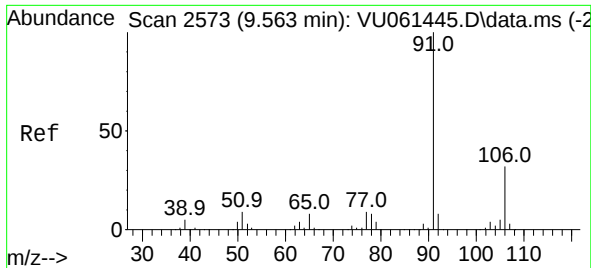
Tgt Ion:107 Resp: 42904
Ion Ratio Lower Upper
107 100
109 91.7 63.4 117.8
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 5.217 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:112 Resp: 161740
Ion Ratio Lower Upper
112 100
114 31.0 22.9 42.5
77 57.9 47.1 70.7

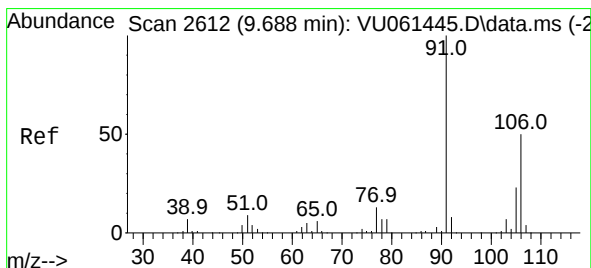
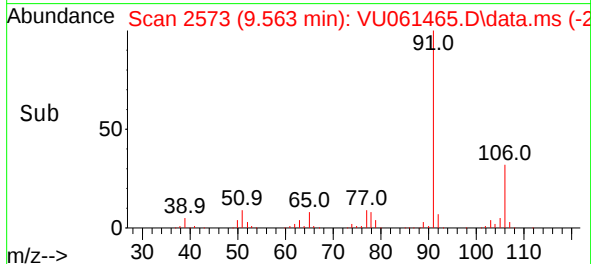
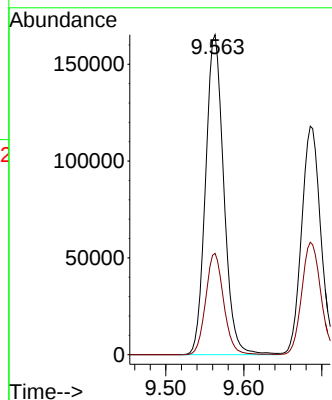
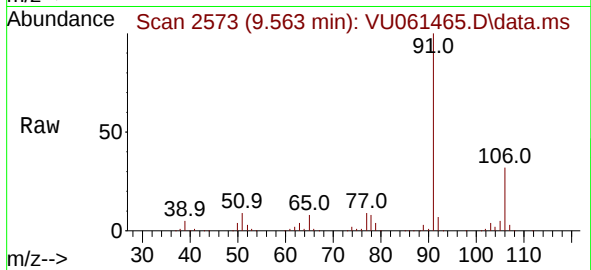




#52
Ethylbenzene
Concen: 4.974 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

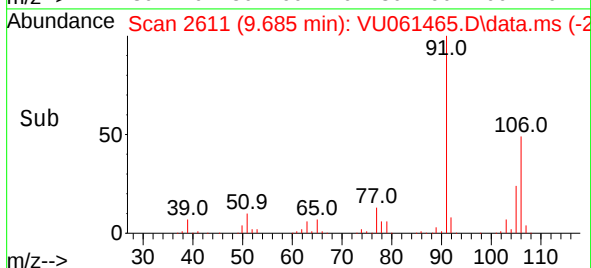
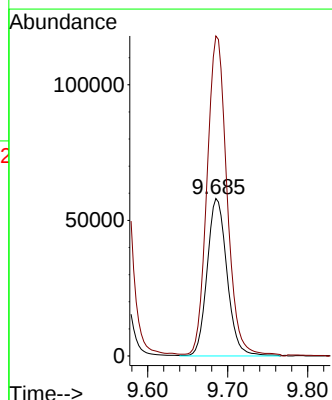
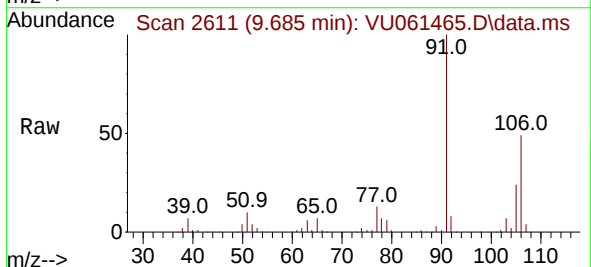
Instrument :
MSVOA_U
ClientSampleId :

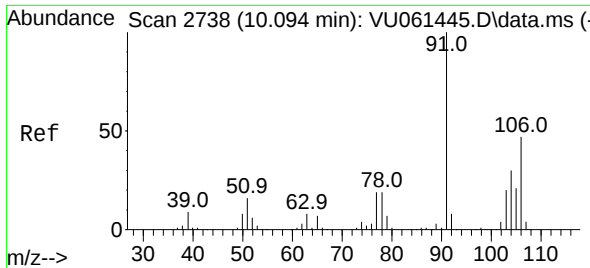
Tgt Ion: 91 Resp: 268351
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-Xylene
Concen: 4.890 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:106 Resp: 100509
Ion Ratio Lower Upper
106 100
91 203.2 145.7 270.7

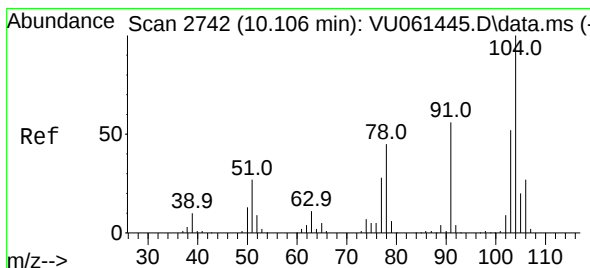
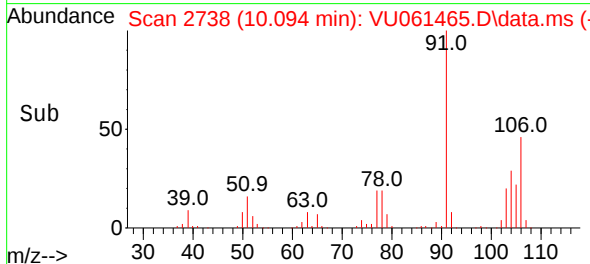
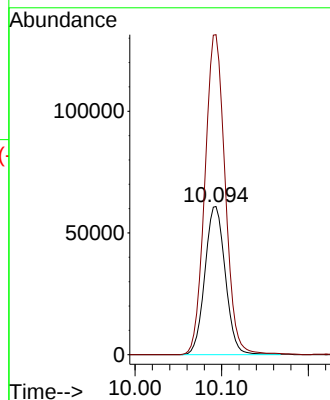
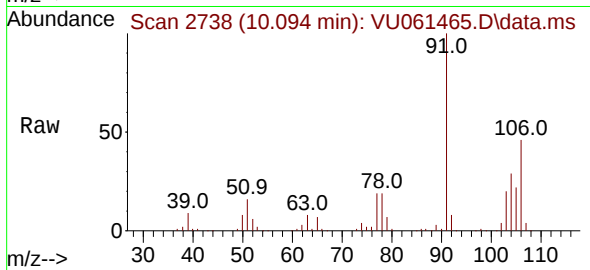




#54
o-Xylene
Concen: 4.921 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

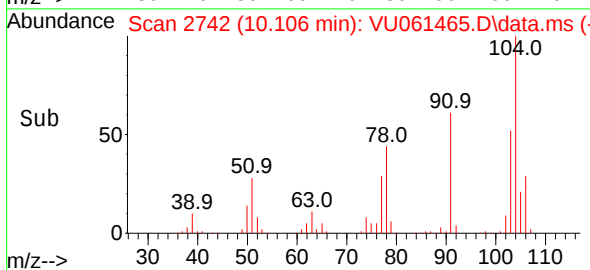
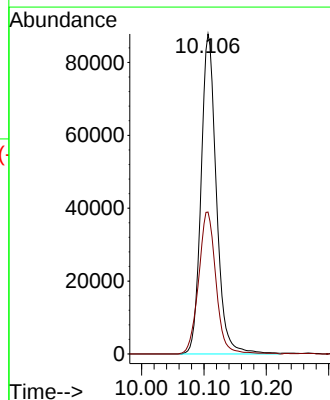
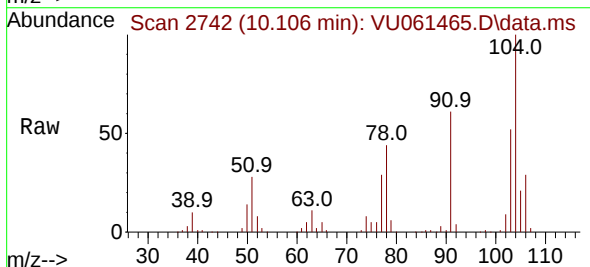
Instrument :
MSVOA_U
ClientSampleId :

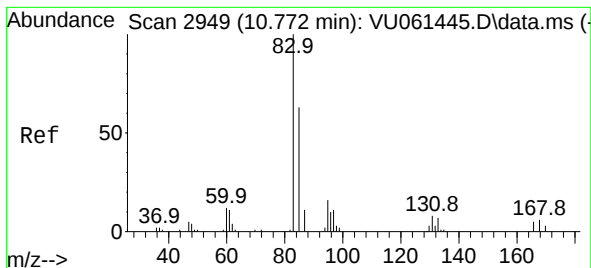
Tgt Ion:106 Resp: 99826
Ion Ratio Lower Upper
106 100
91 215.9 148.8 276.4



#55
Styrene
Concen: 4.622 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:104 Resp: 150325
Ion Ratio Lower Upper
104 100
78 44.3 32.3 59.9

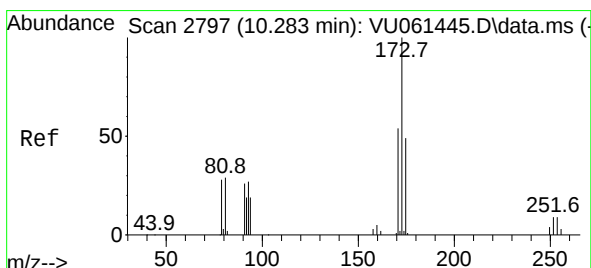
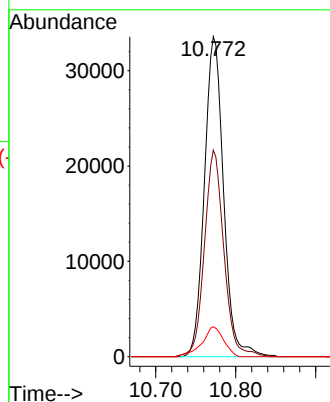
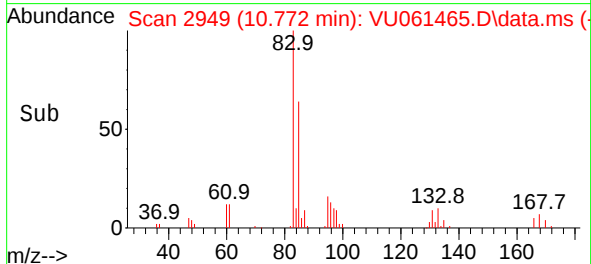
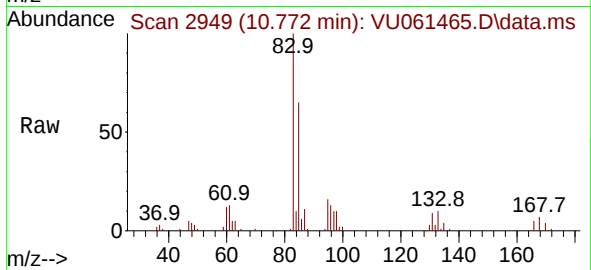




#57
1,1,2,2-Tetrachloroethane
Concen: 5.642 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

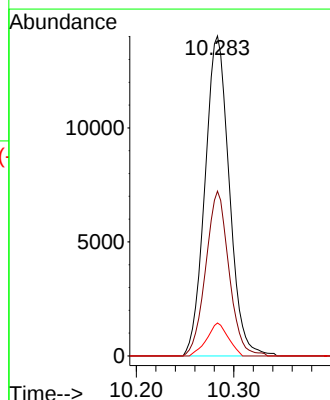
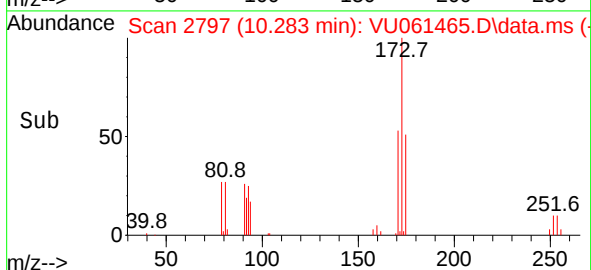
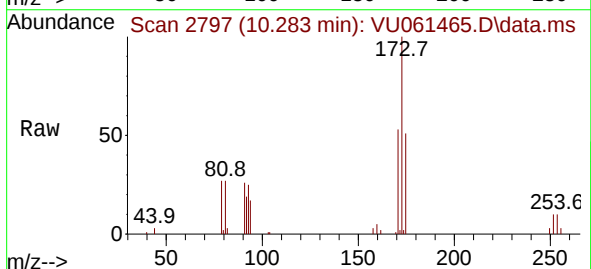
Instrument :
MSVOA_U
ClientSampleId :

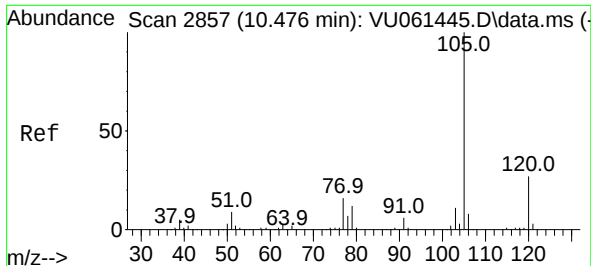
Tgt Ion: 83 Resp: 56016
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1
131 9.3 7.6 11.4



#59
Bromoform
Concen: 4.683 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

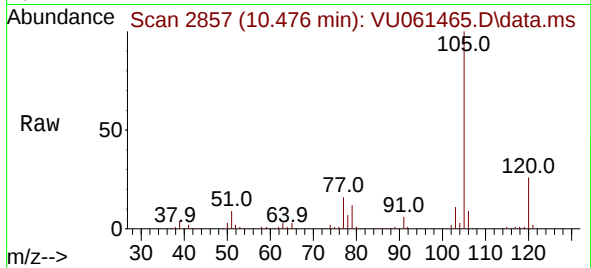
Tgt Ion:173 Resp: 24302
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 9.0 6.8 10.2



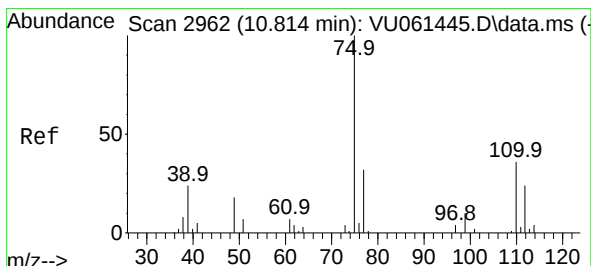
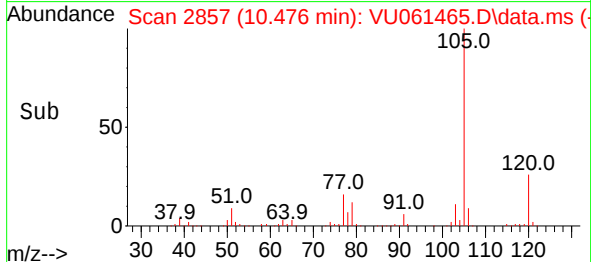
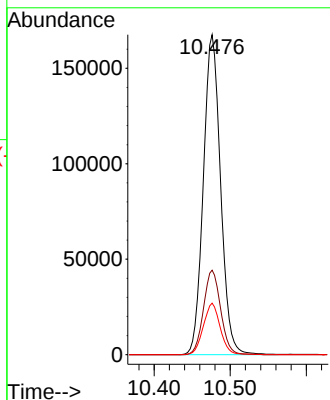


#60
Isopropylbenzene
Concen: 4.933 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Instrument :
MSVOA_U
ClientSampleId :

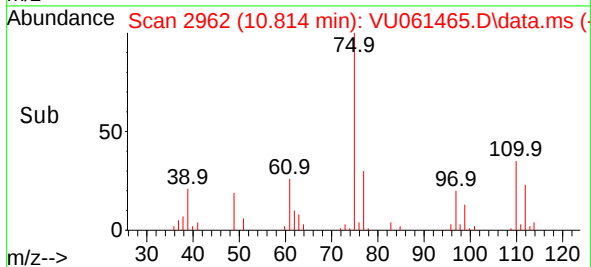
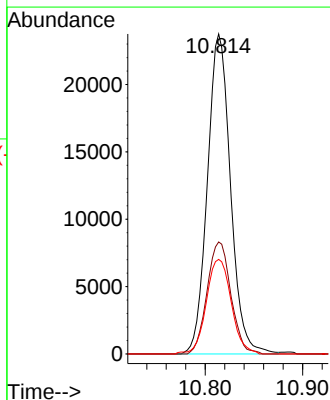
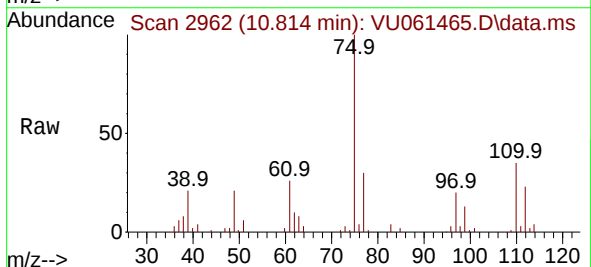


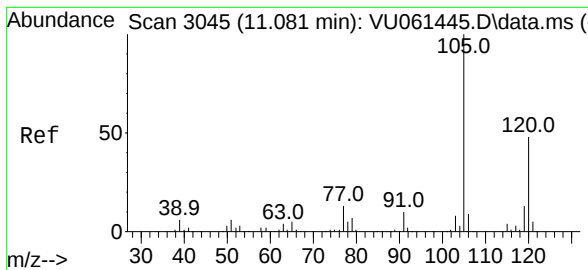
Tgt Ion:105 Resp: 264162
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.609 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion: 75 Resp: 39170
Ion Ratio Lower Upper
75 100
110 35.9 28.8 43.2
77 31.8 25.7 38.5

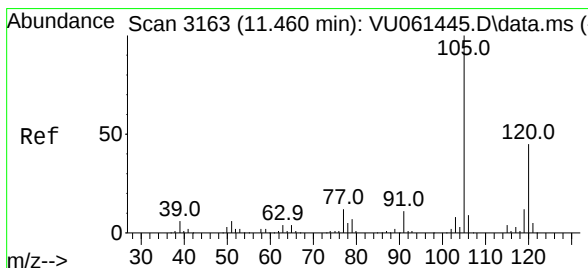
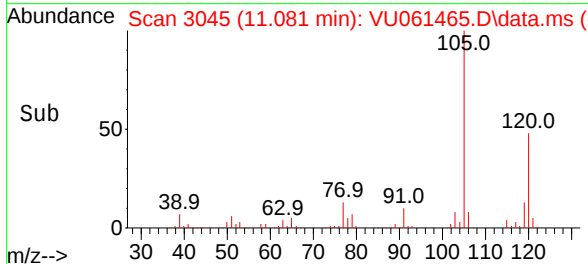
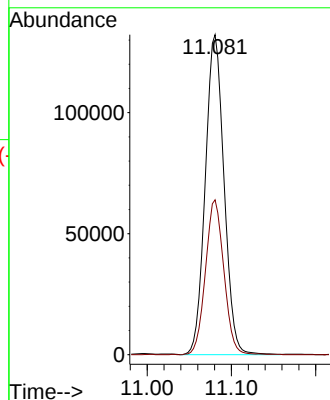
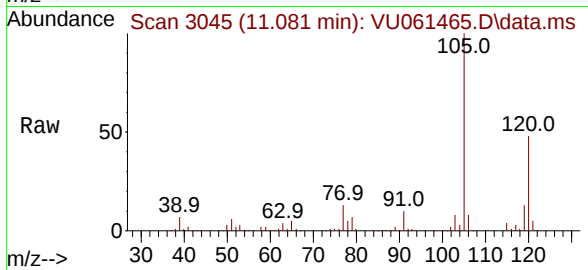




#62
1,3,5-Trimethylbenzene
Concen: 4.704 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

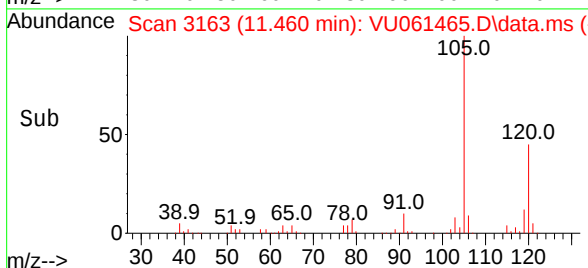
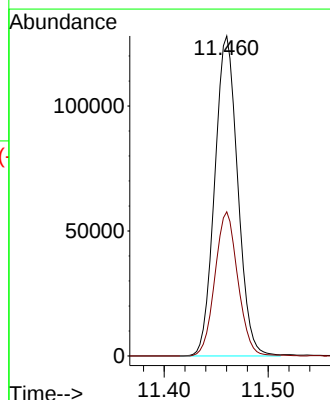
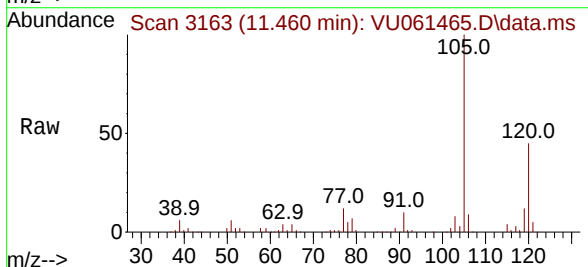
Instrument :
MSVOA_U
ClientSampleId :

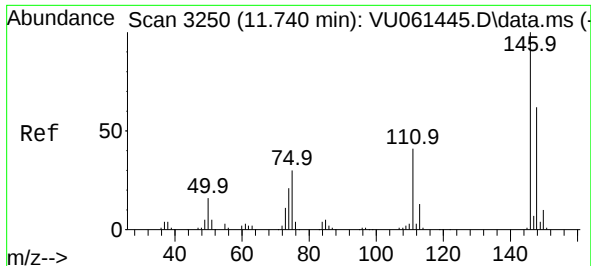
Tgt Ion:105 Resp: 205091
Ion Ratio Lower Upper
105 100
120 47.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.573 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:105 Resp: 197087
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.196 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

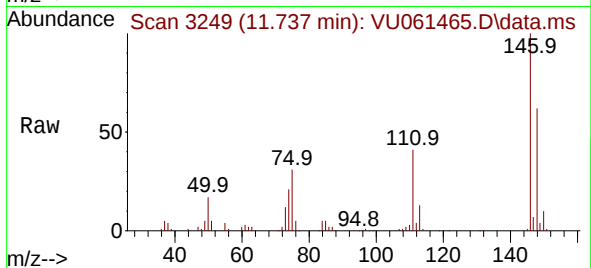
Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

ClientSampleId :



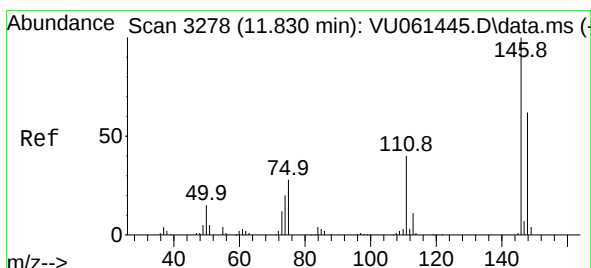
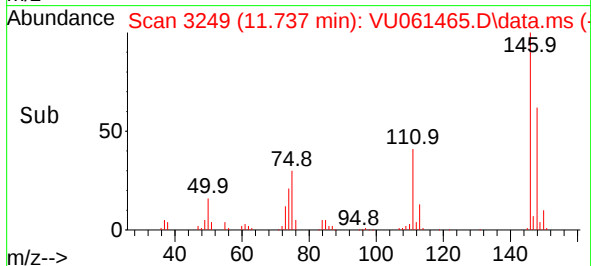
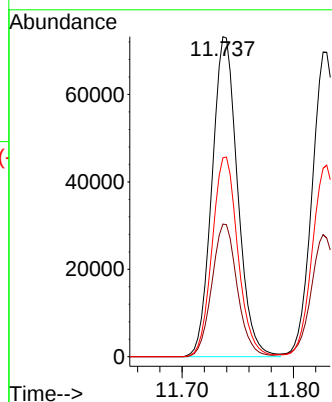
Tgt Ion:146 Resp: 117120

Ion Ratio Lower Upper

146 100

111 41.4 30.0 55.8

148 62.1 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.017 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

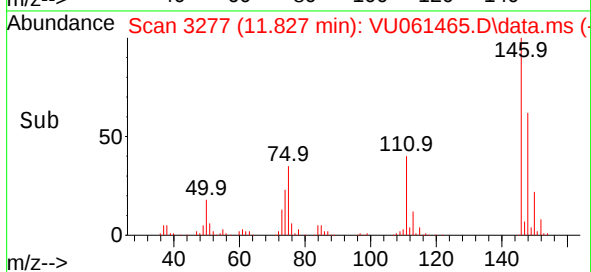
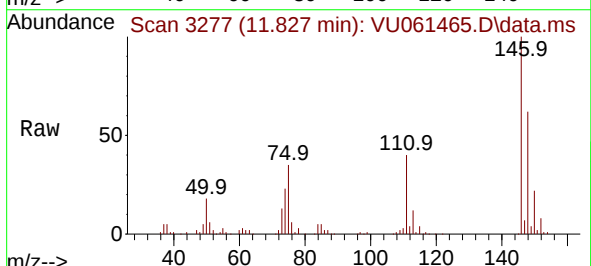
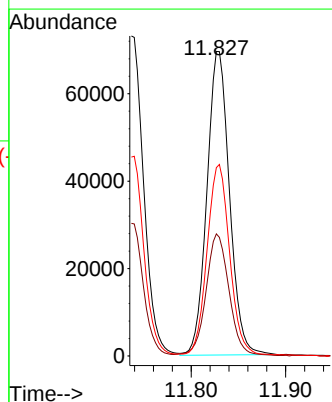
Tgt Ion:146 Resp: 115268

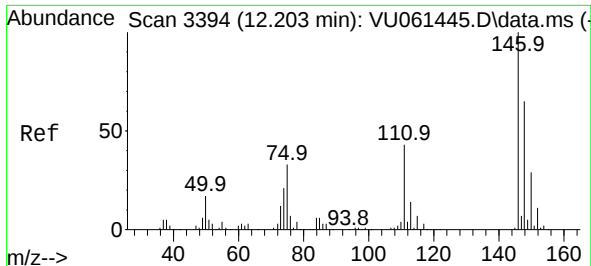
Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

148 61.9 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.245 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

Instrument :

MSVOA_U

ClientSampleId :

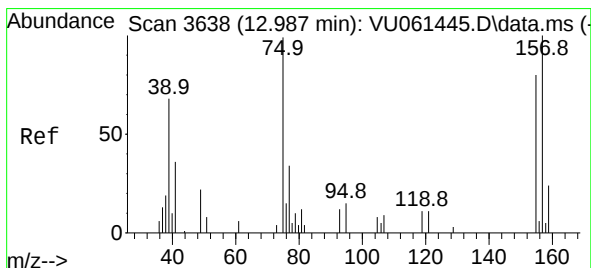
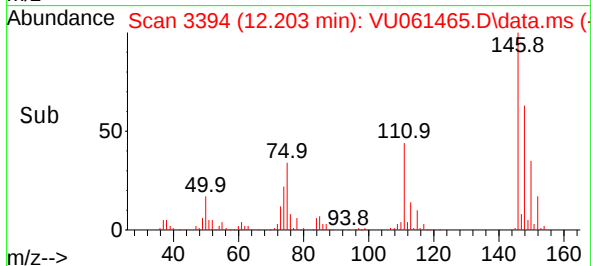
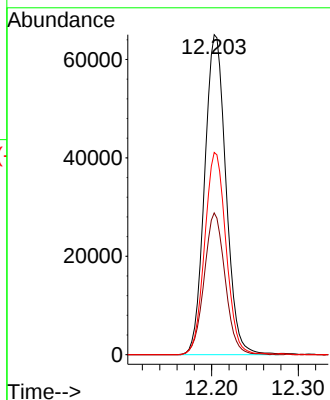
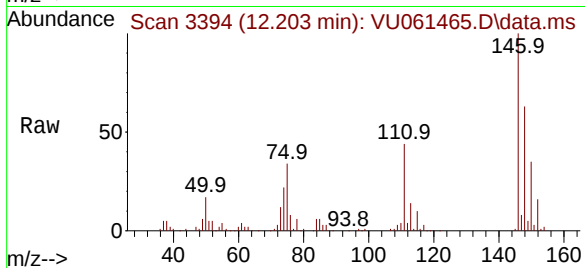
Tgt Ion:146 Resp: 111274

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 63.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.822 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061465.D

Acq: 05 Nov 2024 20:17

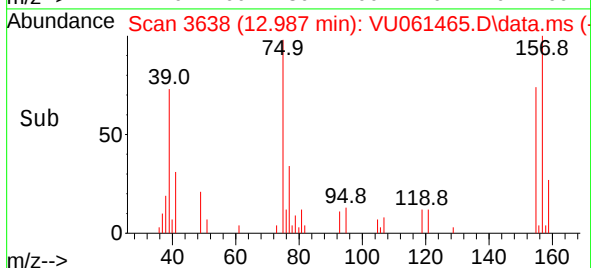
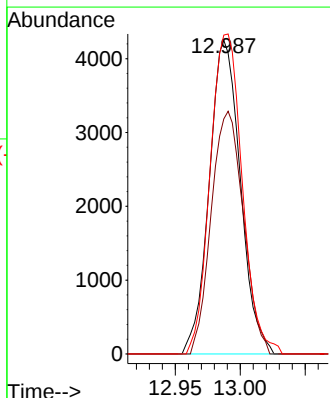
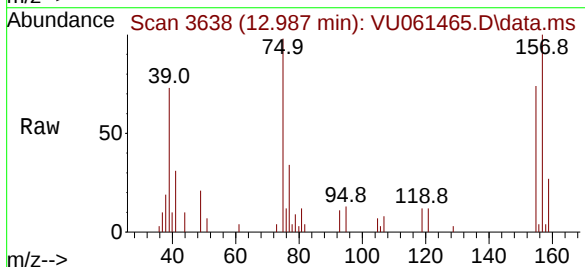
Tgt Ion: 75 Resp: 7070

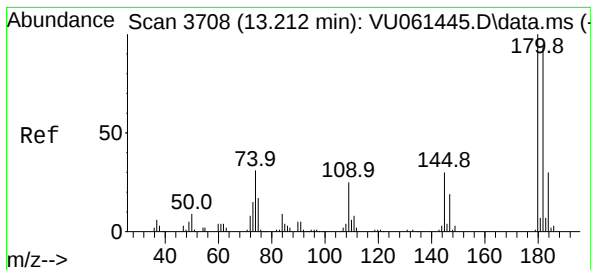
Ion Ratio Lower Upper

75 100

155 74.9 69.3 103.9

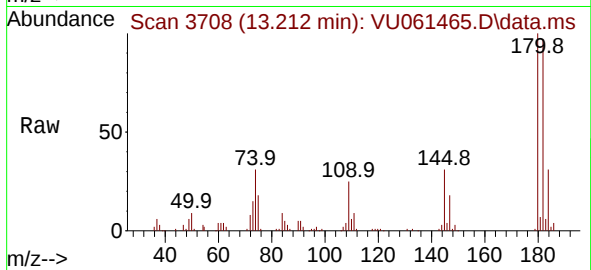
157 101.6 81.4 122.2



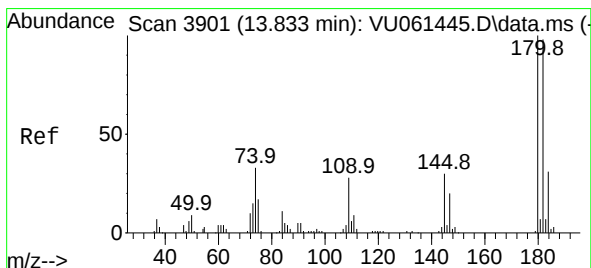
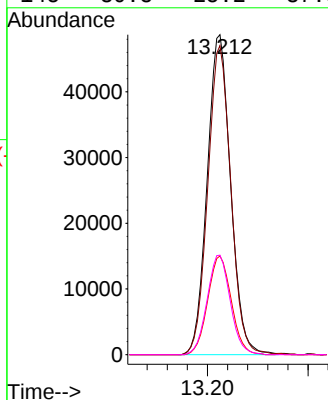
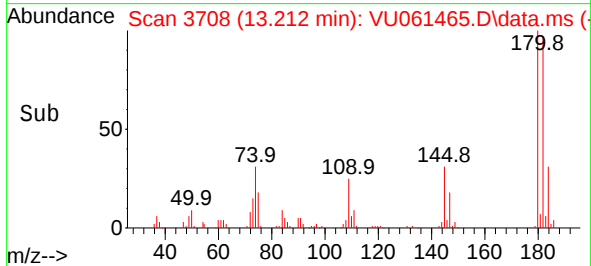


#69
1,3,5-Trichlorobenzene
Concen: 5.097 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

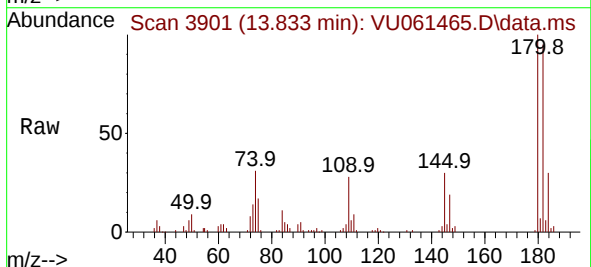
Instrument :
MSVOA_U
ClientSampleId :



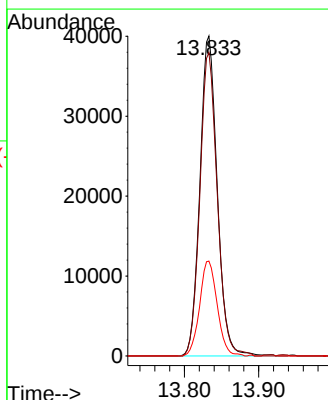
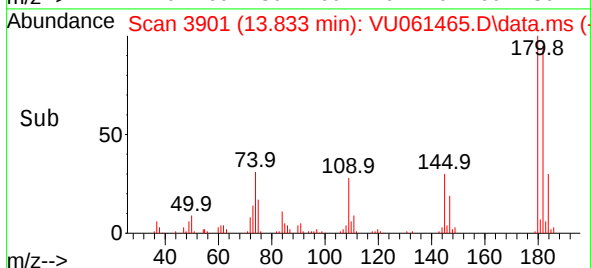
Tgt Ion:180 Resp: 78745
Ion Ratio Lower Upper
180 100
182 95.3 77.4 116.2
184 30.9 24.4 36.6
145 30.8 25.2 37.8

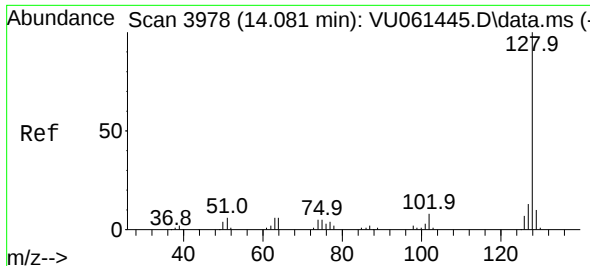


#70
1,2,4-trichlorobenzene
Concen: 5.208 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17



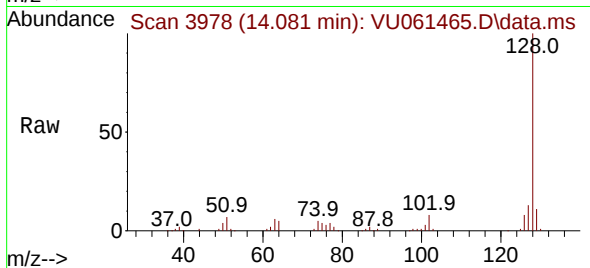
Tgt Ion:180 Resp: 64942
Ion Ratio Lower Upper
180 100
182 94.9 77.2 115.8
145 30.0 25.6 38.4



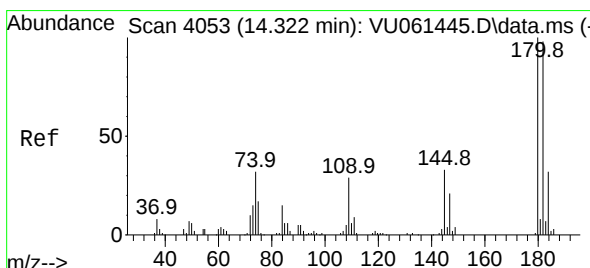
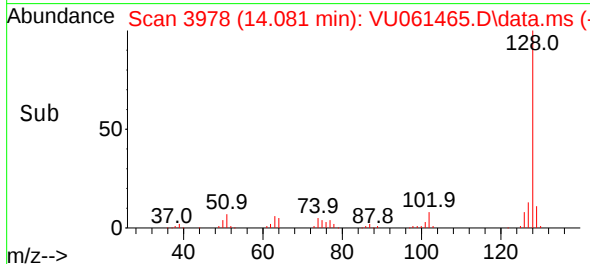
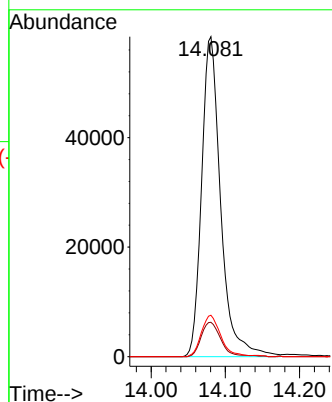


#71
Naphthalene
Concen: 5.300 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104269
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.574 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061465.D
Acq: 05 Nov 2024 20:17

Tgt Ion:180 Resp: 58145
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 31.7 26.5 39.7

